1922-23

Bombay Govt. 9.11.24.

CONTENTS.

Narrative Portion.

	Pages.
I. General—	
A. Details of Direct Expenditure	i
B. Figures for Works for which Capital Accounts are kept ...	ii
C. Figures for Works for which no Capital Accounts are kept ...	ii—iii
D. Review of Irrigation	iii—iv
II. Sind—	
1.—Nature of inundation and rainfall	iv
2.—Indus Right Bank Division—	
(i) Works for which Capital Accounts are kept	iv—vi
(ii) Works for which Capital Accounts are not kept ...	vi—vii
3.—Indus Left Bank Division—	
(i) Works for which Capital Accounts are kept	vii—x
(ii) Works for which Capital Accounts are not kept	x
4.—Protective Embankments	x—xii
5.—Indus River Commission	xii—xiv
6.—Miscellaneous	xiv
III. Deccan and Gujarát—	
1.—Northern Division—	
General remarks	xiv
(i) Works for which Capital Accounts are kept	xiv—xvi
(ii) Works for which Capital Accounts are not kept	xvi
2.—Central Division—	
(i) Works for which Capital Accounts are kept	xvii
(ii) Works for which Capital Accounts are not kept	xvii
3.—Deccan Irrigation Division—	
General remarks	xvii—xviii
(i) Works for which Capital Accounts are kept—	
Works in operation	xviii—xix
Works under construction	xix—xxi
(ii) Works for which Capital Accounts are not kept	xxi
4.—Southern Division—	
(i) Works for which Capital Accounts are kept	xxi
(ii) Works for which Capital Accounts are not kept	xxi
5.—Scientific Works—	
(a) Engineering questions that have arisen ...	xxii
(b) Special Irrigation District	
(c) River gauging	

Administrative Accounts.

Administrative Accounts, Public Works Department (Irrigation), for the Bombay Presidency and Sind	1—236

Statistical Statements for Irrigation Works, Deccan and Gujarat.

Statement I-A—Statement showing size, command, length and cost of canals	238—239
Statement II-A—Statement showing details of catchment area, storage, command and cost of reservoir projects	240—241

CONTENTS

	Pages.
Statement I-B—Capital Account of Irrigation Works for, and to end of, 1922-23	242—245
Statement I-C, showing financial results of irrigation works for the year ending 31st March 1923. Realizations under main heads of revenue and working expenses	246—247
Statement II-C, showing general financial results of irrigation works for, and to end of, 1922-23	248—249
Statement III-C, Demands and realizations during the year 1922-23 ...	250
Statement IV-C, showing the financial results of irrigation works for 1922-23 based on assessments	251
Statement I-E, showing areas irrigated and average discharges and duty of water in regard to irrigation works during 1922-23	252—255
Statement II-E, showing incidence of working expenses and assessed revenue on irrigation works during 1922-23	256—257
Statement III-E, showing quantity and value of crops irrigated during 1922-23	258—267
Statement IV-E—Comparative statement of irrigation and rainfall for the years 1921-22 and 1922-23	268—271
Statement F, showing remissions on irrigation works for the year 1922-23 ...	272
Statement I-F, showing water-rates per acre in force during 1922-23 ...	273—274
Statement G, showing areas and water-rate assessments during 1922-23 according to the system of classification adopted in fixing the scale of water-rates	276—277
Statement H, showing operations of the year 1922-23	278—279

Statistical Statements for Sind.

Statement I-A—Statement showing size, command, length and cost of canals	282—285
Statement I-B—Capital Account for Irrigation Works for, and to end of, 1922-23	286—287
Statement I-C, showing the financial results of irrigation works for the year ending 31st March 1923. Realizations under main heads of revenue and working expenses	288—289
Statement II-C, showing general financial results of irrigation works for, and to end of, 1922-23	290—291
Statement III-C, showing general financial results of irrigation works for, and to end of, 1922-23	292
Statement IV-C, showing the financial results of irrigation works for 1922-23 based on assessments	294—295
General Abstract of financial results of irrigation works for, and up to end of, 1922-23	296—307
Satement I-E, showing areas irrigated and discharges and duty of water in regard to irrigation works during 1922-23	308—309
Statement II-E, showing incidence of working expenses and assessed revenue on canals during 1922-23	310
Statement III-E, showing quantity and value of crops irrigated during 1922-23	312—321
Statement IV-E, Comparative statement of irrigation and rainfall for the years 1921-22 and 1922-23	322—325

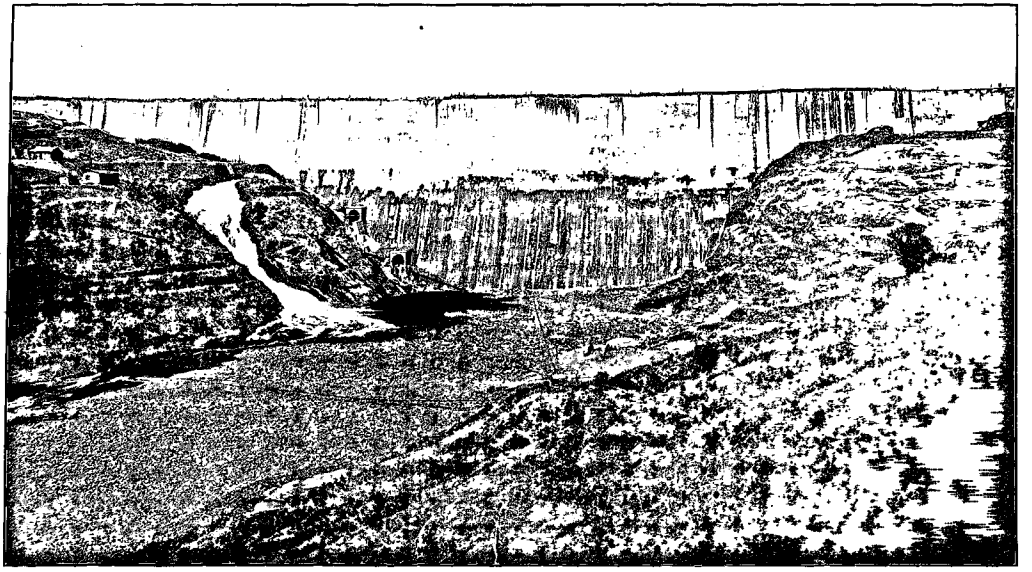
Maps.

Map of the Northern Division.
Do. Central and Deccan Irrigation Divisions.
Do. Southern Division.
Index map of the Indus Right and Left Bank Divisions.
} At end of Volume.

ed with financial assistance fr
Government of Maharashtra
on 22 July, 2017

LIST OF ILLUSTRATIONS.

Bhandardara dam—Down stream view of the dam ...	*Frontispiece.*	
Map of Sind showing all areas irrigated by existing inundation canals.	Facing page	XIV.
Do. all areas to be irrigated by Lloyd Barrage and new Sind canals.	Facing page	XIV.
Site of 1920 barrage 3 miles below Rohri gorge ...	Facing page	XIV.
Do. 1910 barrage above Rohri gorge ...	Facing page	XIV.
Bhandardara dam—Water face of the dam showing sluice pillars	Do.	XIX
Do. View across the dam from right bank ...	Do.	XIX
Lloyd dam—The old dam, lake and the new dam ...	Do.	XX.
Do. Three other views ...	Do.	XX.
Nira Right Bank Canal—Down stream view of aqueduct No. 3 ...	Do.	XX.



BHANDARDARA DAM.

Down Stream View of the Dam. Average Height, 257 feet

ADMINISTRATION REPORT

OF

IRRIGATION WORKS IN THE BOMBAY PRESIDENCY FOR 1922-23.

I.—GENERAL.

A.—Details of Direct Expenditure.

In the year 1922-23 the direct expenditure (excluding collection charges) on all the Irrigation Works throughout the Presidency amounted to Rs. 139 lakhs compared with Rs. 138 lakhs in the previous year, and Rs. 116¾ lakhs, the average. The total is classified and divided between the Presidency proper and Sind as follows:—

	Deccan and Gujarát.	Sind.	Total.
	Rs.	Rs.	Rs.
Works	42,17,949	18,20,498	60,38,447
Repairs	5,37,161	35,71,251	41,58,412
Establishment	14,94,871	18,07,410	33,02,281
Tools and Plant	1,26,501	1,24,893	2,51,394
Other charges	37,153	11,815	48,968
Gratuitous Relief	.....	.....	.....
Suspense Account	1,61,460	—42,685	1,13,775
Receipts and recoveries on Capital Account	— 12,798	— 204	—13,002
Receipts and recoveries on Revenue Account	— 2,852	—4,701	— 7,553
Total ...	66,03,245	72,88,277	1,38,96,522

2. The distribution of the above expenditure under several Irrigation heads is given below:—

Heads.		Amount.	Remarks.
	Rs.	Rs.	
Capital Account—			
Productive Works	18,82,103		
Unproductive Works	50,67,688		
		69,49,791	Provincial.
Revenue Account—			
Productive Works	27,17,564		
Unproductive Works	11,82,607		
		39,00,171	Do.
Works for which no Capital Accounts are kept—			
1. Works for which only Revenue Accounts are kept ...	8,33,698		Do.
2. Works for which neither Capital nor Revenue Accounts are kept	21,36,791		Do.
Irrigation Works—Contribution Works	14,408		Deposit Contribution.
3. Miscellaneous Expenditure	62,555		
		30,47,447	Provincial.
Famine Relief outlay on Irrigation Works		—827	Do.
Grand Total ...		1,38,96,522	

Note.—In this report whenever "the average" is referred to, it is the average of the last three years, unless otherwise defined.

B.—FIGURES FOR WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT.

3. The receipts on Capital Irrigation Works compared with the year's working expenses show a profit of Rs. 36,45,602 and Rs. 15,82,606 in Sind and the Deccan and Gujarát, respectively. If, however, interest charges on works in operation are taken into account the result shows a profit of Rs. 23,36,662 for Sind and a loss of Rs. 2,58,620 for the Deccan and Gujarát :—

Class of works.	Direct Receipts.	Indirect Receipts.	Total Direct and Indirect Receipts.	Direct expenditure.		
				Capital.	Working expenses (including the share of collection charges).	Total.
WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Productive ... Deccan and Gujarát.	3,855	9,088	12,293	...	4,331	4,331
Productive ... Sind	3,15,138	61,75,636	64,90,774	18,83,103	30,55,565	49,38,673
Unproductive ... Deccan and Gujarát.	25,05,340	26,152	25,31,992	50,36,685	9,58,346	59,95,033
Unproductive ... Sind	10,079	5,78,373	5,88,452	30,993	3,77,059	4,08,057
Total, Deccan and Gujarát ...	25,09,195	36,090	25,45,285	50,36,685	9,62,679	59,99,364
Total, Sind ...	3,25,217	67,54,009	70,79,226	19,13,106	34,33,624	53,46,730
Grand Total, Deccan and Gujarát and Sind, 1922-23	28,34,412	67,90,099	96,24,511	69,49,791	43,96,303	1,13,46,094
Grand Total, average (last three years) ...	25,17,608	43,94,504	69,12,210	42,77,239	36,65,681	79,42,920

4. The area under *works for which Capital accounts* are kept showed on the whole an increase of 581,276 acres when compared with the average. A large portion of this increase is due to certain canals in Sind which were formerly classed as Works for which *only Revenue Accounts are kept* being now classed as Capital *works* in compliance with paragraph 18 of the Government of India letter No. 3-P.W., dated 24th September 1921. The areas and estimated values of crops grown are contrasted in the following statement :—

Class of works.	Area.			Value.		
	1922-23.	Average (3 years ending 1921-22).	Difference.	1922-23.	Average (3 years ending 1921-22).	Difference.
	Acres.	Acres.	Acres.	Rs.	Rs.	Rs.
Productive—						
Deccan and Gujarát ...	2,888	2,605	283	92,759	90,879	2,880
Sind	2,674,636	2,145,814	528,822	9,03,89,433	7,02,96,948	2,00,92,485
Total ...	2,677,524	2,148,419	529,105	9,04,83,192	7,03,87,827	2,00,95,365
Unproductive—						
Deccan and Gujarát ...	284,031	257,639	26,392	3,33,27,347	3,36,85,067	—3,57,720
Sind	325,543	299,764	25,779	1,01,90,625	88,90,541	13,00,084
Total ...	609,574	557,403	52,171	4,35,17,972	4,75,75,608	9,42,364
Grand Total ...	3,287,098	2,705,822	581,276	13,90,01,164	11,79,63,435	2,10,37,729

C.—FIGURES FOR WORKS FOR WHICH NO CAPITAL ACCOUNTS ARE KEPT.

5. These may be works for which only Revenue Accounts are kept, or works for which neither Capital nor Revenue Accounts are kept, or miscellaneous works. The receipts on these works are principally in the form of a share of the Land Revenue

and are termed "Indirect" and as such are book credits, so that figures of revenue appearing in the Finance Accounts, as distinguished from the Statistical Statements accompanying the Irrigation Administration Report, are very small, being for direct revenue only, *viz.*, proceeds from sale of water, etc. The area of irrigation on these very numerous works is always large, but it fluctuates to some extent with the seasons. The area irrigated showed a decrease of 17,382 acres when compared with the average. The decrease was consequent on certain canals formerly classed as works for which only Revenue Accounts are kept being classed as Capital works as mentioned in paragraph 4 above. The following statements give a comparison of the figures for this year and the average:—

Class of works.	Revenue.			Expenditure.	Net Revenue.
	Direct.	Indirect.	Total.		
WORKS FOR WHICH NO CAPITAL ACCOUNTS ARE KEPT.	Rs.	Rs.	Rs.	Rs.	Rs.
Works for which only Revenue Accounts are kept. — Deccan and Gujarát	31,209	5,13,466	5,44,675	3,05,602	2,39,073
Works for which only Revenue Accounts are kept. — Sind	34,769	14,24,416	14,59,185	6,65,768	7,93,417
Total for 1922-23 ...	65,978	19,37,882	20,03,860	9,71,370	10,32,490
Average total (for triennium ending 1921-22)	90,196	28,61,101	29,51,227	16,86,522	12,64,705
Works for which neither Capital nor Revenue Accounts are kept. — Deccan and Gujarát.	13,968	.....	13,968	4,21,808	—4,07,840
Works for which neither Capital nor Revenue Accounts are kept. — Sind ...	16,899	9,54,589	9,71,488	18,03,784	—8,31,296
Total for 1922-23 ...	30,867	9,54,589	9,85,456	22,24,592	—12,39,136
Average total (for triennium ending 1921-22)	30,805	9,40,275	9,71,080	22,83,762	—13,12,682
Miscellaneous (Irrigation) Expenditure. — Deccan and Gujarát.	.....	.....	.....	48,267	—48,267
Miscellaneous (Irrigation) Expenditure. — Sind ...	.....	.....	.....	14,288	—14,288
Total for 1922-23 ...	.....	.....	.....	62,555	—62,555
Average Total (for triennium ending 1921-22)	.....	.....	.....	34,417	—34,417
Grand Total for 1922-23 ...	96,845	28,92,471	29,89,316	32,58,517	—2,69,201

Class of works.	Area.			Value.		
	1922-23.	Average (of the triennium ending 1921-22).	Difference.	1922-23.	Average (of the triennium ending 1921-22).	Difference.
	Acres.	Acres.	Acres.	Rs.	Rs.	Rs.
Works for which only Revenue Accounts are kept— Deccan and Gujarát ...	156,890	151,555	5,335	73,97,127	80,62,528	—7,65,341
Works for which only Revenue Accounts are kept— Sind ...	600,211	627,599	—27,388	1,84,68,906	1,61,09,749	23,59,157
Total ...	757,101	779,154	—22,053	2,63,66,033	2,47,72,277	15,93,816
Works for which neither Capital nor Revenue Accounts are kept— Deccan and Gujarát ...	2,559	2,333	226	1,35,134	1,75,795	19,369
Works for which neither Capital nor Revenue Accounts are kept— Sind ...	30,679	26,234	4,445	11,65,400	11,10,819	54,581
Total ...	33,238	28,567	4,671	13,00,534	12,86,614	73,970
Grand Total ...	790,339	807,721	—17,382	2,77,26,677	2,60,58,891	16,67,786

D.—REVIEW OF IRRIGATION.

DESCRIPTION OF IRRIGATION IN SIND.

6. In Sind the rainfall is negligible and cultivation depends almost entirely on canal irrigation. The canals, with the exception of a few perennial ones, flow for about four months during the year at the time of the inundation of the river Indus, and cultivation is limited to this period.

INUNDATION AND RAINFALL.

7. The inundation of 1922 was a very good one as the river steadily rose from the very beginning of June and maintained a fairly high level with slight fluctuations almost till the end of September. The rainfall was scanty and not of material help to cultivation.

IRRIGATION AND RAINFALL IN THE DECCAN AND GUJARAT.

8. In the Deccan and Gujarat cultivation depends mainly upon rainfall and the tanks and canals are useful for the purpose of growing more valuable crops or to counteract, when necessary, the evil effects of a deficient or irregular rainfall. The irrigation schemes in this part of the country involve the construction of storage reservoirs. The rainfall was generally satisfactory in the Deccan except in the Sholapur, Dharwar and Bijapur districts, where it was scanty. In Gujarat it was well distributed and beneficial for dry crops but insufficient for rice.

AREA IRRIGATED AND GROSS REVENUE.

9. The area irrigated in Sind during the year was over 3⅞ million acres as against 3¼ million acres of the previous year and the gross revenue amounted to Rs. 95 lakhs against Rs. 85¼ lakhs of 1921-1922.

10. The total area irrigated in the Deccan and Gujarat was 446,000 acres against 422,000 acres of the previous year and the gross revenue amounted to Rs. 31 lakhs being a little less than that of 1921-1922.

II—SIND.

1.—NATURE OF INUNDATION AND RAINFALL.

CHARACTER OF THE INUNDATION.

11. The inundation of 1922 was an exceptionally good one and its marked feature was a steady rise in the river from the very commencement of June. The river reached its maximum level in the beginning of July and continued at a fairly high level almost till the end of September, when water had to be cut off in almost all canals.

12. The river rose to the fair irrigating level of 13 feet on the Bukkur gauge on 24th June and this level or above was registered for a period of 32 days against 28 days in 1921, 30 days in the years 1920 and 1919 and 29 days, the average. The fair irrigating level of 17 feet on the Kotri gauge was first recorded on 21st June and this level or above was maintained for a period of 102 days compared with 55 days in the previous year, 49 days in 1920, 81 days in 1919 and 62 days, the average of the previous three years.

13. The highest readings for the year were 15·5 feet on the Bukkur gauge on the 2nd July, and 20·4 feet on the Kotri gauge on the 10th August, against the recorded maximum readings on these gauges of 17·9 feet and 23·8 feet respectively.

RAINFALL.

14. The rainfall was scanty and of little use to cultivation.

2.—INDUS RIGHT BANK DIVISION.

(i) WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT.

DESERT CANAL.

15. The Desert Canal was opened on the 16th May 1922, about half a month earlier than usual, as there was a danger of the river entering the dhand and silting up the head of the canal or of its changing its course altogether. The river changed its course, as it was feared, in the middle of the inundation and worked out a new one along the left bank silting up its old course at its mouth. A very good supply of water was however available in the canal, but the demand was so small that there was a large cut off at the head regulator. The crops along the whole canal and its branches were very good due to steady river throughout the inundation. The full supply discharge or more was maintained for 80 days. The canal ceased to flow on 1st December 1922.

16. The Adiowah was opened with a gauge reading of 1·8 feet at its head regulator on the 1st June and it flowed up to 1st September. As the inundation was a very good one the supply in the canal kept steady throughout the season in spite of its very unfavourable head. The area under cultivation on the canal was however very small as owing to the constant failure of this canal the zamindars did not like to take risks.

UNHARWAH.

17. The Unharwah was opened on the 25th May 1922 with a gauge reading of 5·3 feet at Tori regulator and ceased to flow on 24th November 1922. The main current of the river kept towards the left bank throughout the inundation and the canal received its supply from a bye-river. The dhand feeding the Unharwah was cleared of silt and

canalized by groyning. A strong bund put across the dhand below the Unharwah off take to drive the entire dhand supply into the canal proved very successful and greatly helped to keep the canal flowing for a longer period. The supply in the canal and its branches was generally more than sufficient throughout the inundation and internal rotations were resorted to only at the end of September when the river fell. A maximum depth of 10·1 feet was let into the canal against the originally designed full supply depth of 10 feet. A gauge reading of 9 feet or over was maintained in the canal for 73 days.

BEGARI CANAL.

18. The Begari Canal was opened on the 30th May with a gauge reading of 4·8 feet on the old head regulator. As the channel feeding the Begari had been eroded during the last inundation the canal took off directly from the main river. The canal worked very satisfactorily throughout the season and kept flowing up to the 20th December 1922, when it was tightly closed at the new head regulator in order to dry it up for carrying out silt clearance work at its tail. The two tail branches, *viz.*, the Eden and Sirwahs, which have suffered from deficiency for many years, were greatly benefited by the deep silt clearance done in them and at the Begari tail.

19. The Choi branch was opened on the 4th June 1922 with a gauge reading of 3·5 feet at its head regulator. The supply in the branch went on increasing till the gauge read between 6·8 and 7·2 feet, which is considered most satisfactory. It finally ceased flowing on the 8th October 1922 after all crops had matured and a large area had been watered. Seldom, if ever, has the Choi branch had such a good year.

MAHIWAH.

20. The Mahiwah was opened on 1st June and ceased to flow on 28th September 1922. It worked satisfactorily till the beginning of August when owing to river erosion the head of the Gudu Dhand which feeds the canal silted up. The Dhand had to be closed for clearance in the middle of August and after some silt was cleared the protective bund at the head gave way owing to its sudden and active erosion and further work was consequently stopped. The rise in the river by about 2 feet however helped the situation by scouring out silt to a certain extent and this coupled with the rotations at different regulators saved a very grave situation.

SEHAR CANAL.

21. The Sehar Canal, like the Mahiwah, takes off from the Gudu Dhand and its water supply was affected in the same way as that of the latter canal. The proposal to abandon the project for remodelling the Seharwah is still under consideration.

GARKINO CANAL.

22. The tract of the country enclosed within the compartment formed by the Eastern Nara, the Flood Diversion bund and the Trighati Dhoro suffers from a deficiency in the water supply and the poor khatedars are subject to much hardship. To alleviate their sufferings a project for widening the head portion of the new cut to Garkinowah and its head regulator and excavating an entirely new canal immediately below the Railway line with a distributary taking off at its mile 2/7 left bank was taken in hand during the year.

SUKKUR CANAL.

23. The Sukkur Canal has two heads, the Rahuja head and the old head. The former gets its supply from Dhoro B which is now more or less canalized and is fed by the bye-river. It was opened on the 25th May 1922. The old head takes off near Bukkur. It was as usual kept bunded up during the kharif season and opened on 2nd November 1922 for watering rabi lands. The Sukkur Canal obtained an excellent supply during the season. Owing to the strengthening of the banks and construction of masonry outlets it was possible to admit this year a much higher level of water below Ratodero, with the result that the tail of the canal below mile 56 and its branches Napat Sukkur and Maksudo, which generally suffer from deficiency, got a fairly good supply. The canal below mile 56 was cleared for the benefit of the land in the Shahdadkot Sub-division.

GHAR CANAL.

24. The Ghar Canal was opened on the 20th May 1922 when Bukkur read 5·7 feet. It worked very well. The gauge at its head rose to a maximum of 11·6 feet on the 9th August, against 12·8 feet of the previous year. The Larkana gauge was allowed to go up to 16·8 feet, as compared with 16·7 feet of the previous year. The full supply level of 16·0 feet and over was registered at this place for 34 days as against 23 days of last year. This level could have been obtained for a longer period, but as water was not required lower down it had to be cut off at the Fordwah head.

25. The Ghar Dhand which is being gradually canalized worked satisfactorily. The Dhand received its supply from the bye-river. Though the supply was low owing to silt deposit, in the middle of the season a new channel formed higher up and brought in a more direct and higher supply.

26. The Fordwah, which is a feeder to the Ghar Canal, also worked very well. The supply was excellent and both the regulators on the canal had to be closed during August, September and a part of October to prevent serious flooding at the tails of the Ghar branches. The river opposite the Fordwah assumed great activity during the period under report. From 1st May 1922 to 31st March 1923 it eroded away a length of 5,100 feet in front of the canal and came within 500 feet of the first regulator. Under these circumstances a new feeder was provided to Fordwah for use in case the present mouth silted up. The Naurang and Nurwah are the two main branches at the tail of the Ghar Canal. These canals worked very satisfactorily. The Gathwah and Chilo into which the Naurang bifurcates had also a better supply this year although not as satisfactory as in other branches.

27. The Nasrat *ex* Ghar which takes off from the Ghar Dhand was opened on the 24th May and ceased to flow on the 30th September 1922. Unlike previous years there was practically no deficiency of supply in this canal.

SATTAH CANAL.

28. The Sattah Canal takes off from the Naro which is fed by the river from its left bank. It runs in a length of 32 miles and passes through Jati and Shahbunder talukas. It flowed from the 27th May 1922 when the Kotri gauge recorded 10·4 feet. The head of the canal which had silted up during the inundation of 1921 was thoroughly cleared. The supply in the canal and its branches was very good and the outturn of the crop was excellent. Only on the Rajwah, where the lands are high, there was some deficiency.

SIND CANAL.

29. The Sind Canal was opened on 21st May and ceased to flow on the 30th September 1922. It worked very satisfactorily. One of its branches, *viz.*, Munghirwah however suffered from a little deficiency at the tail.

PINYARI CANAL.

30. The Pinyari Canal is 21 miles long and is the chief source of supply in the Mirpur Bathoro, Sujawal and Jati talukas. It commenced to flow on the 23rd April 1922 when Kotri read 6·7 feet. There was a good supply of water in all the branches of the canal except in the tail portions of Sonhari, Gunj Bahar, Saida and Fatia. Only one rotation at Daro was given for two days. With a view to give relief to the zamindars of Jati taluka, who had suffered considerably in the past, continuous rotations at Daro and Shorewah regulators have been practically stopped and only two rotations will be given in future at Daro, one at the beginning of the season for transplantation and the other at the end for maturing crops, if necessary, there being no regulation at all at Shorewah.

KALRI CANAL.

31. The Kalri Canal takes off from the river on its right bank near Luka and runs southwest through the middle of the Tatta taluka and tails into the Mirpur Sakro taluka. It flowed on the 30th May 1922 when Kotri read 12·2 feet. The canal maintained its full supply level from the 20th June to 16th September 1922 and ceased flowing on the 10th October 1922. All the lands dependent on it obtained a very good supply and no complaint about deficiency of water was received. The branch canals also had a good supply with the exception of the Jamwah where rotations had to be resorted to. To improve the supply in this canal very heavy clearance and repairs to banks were carried out.

BAGHAR CANAL.

32. The Baghar Canal is one of the deltaic mouths of the river Indus taking off from its right bank near Aghimani. It runs in a length of 93 miles through Tatta, Mirpur Sakro and Ghorabari talukas and tails into the sea through Sheika creek. It began flowing on the 8th April with a gauge reading of 2·0 feet at its head and ceased to flow on the 6th December 1922.

(ii) WORKS FOR WHICH CAPITAL ACCOUNTS ARE NOT KEPT.

WESTERN NARA.

33. The canal was opened on the 24th May 1922. The head regulator had however to be partially closed from the 29th May to 8th June to avoid breaches lower down the canal owing to very slack demand. Erosion in the river at the head of Gharo B feeding the canal became very active and owing to the cutting away of 15 to 20 acres of land thickly grown with babul and *lai* jungle, which found its way into the feeder Gharo B, the head regulator Nara was choked. The regulator was, however, cleared and the canal with proper precautions taken continued to work satisfactorily.

34. The new feeder to the Western Nara which was excavated in the year 1893 worked well for a few years but since the excavation of the new *Akil mouth* it has proved a failure. It tails into the Nara at mile 33 where the water level is generally higher than that in the feeder itself. The small area which depends for its water supply on the new feeder is watered from the Western Nara by means of back water.

PRITCHARD CANAL.

35. The Pritchard canal at present receives its supply direct from the main channel of the river. There was active erosion just above its mouth which would have silted the canal had not erosion subsided and the head regulator been kept fully open. The canal was opened on the 26th May and ceased to flow on the 22nd October 1922. Regulation was carried out at the first head regulator only. The regulator was partially closed from the 24th June to 6th July as no further water was required lower down and it was kept fully opened again for one month from 7th July maintaining a steady gauge of 10 feet and over at the Railway bridge and Stop gate regulator. The canal ran with this level by partially opening Mulan Khamiso escape on a few occasions. The Stop gate regulator was not closed even for a single day during the inundation. The branch canals worked satisfactorily.

36. The following principal works were completed or were in progress during the year under report :—

Works Completed.	Expenditure during 1922-23.
Karachi Canals District.	Rs.
Constructing a sluice in mile 39/1 of M. S. Bund	12,392
Raising and strengthening M. S. Bund Gungri to Khanto mile 46 to 56	8,397
Shikarpur Canals District.	
Constructing front embankment to Garang Loop	7,195
Constructing a front embankment together with a wetting channel to 1910 loop and an inlet sluice to feed the channel at mile 20/3 of Sukkur Begari Bund	10,147
Constructing a new Arain loop to Sukkur Begari bund miles 17/1 to 21/0	2,22,954

Works in Progress.	
Karachi Canals District.	
Raising Aghimani Baphi	26,302
Raising and strengthening Baghar Uchito bund	31,985
Constructing sluices in miles 21/3 and 41/4 of Mulchand Shahbunder Bund	6,024
Raising and strengthening Mulchand Shahbunder Bund, Mulchand to Rajwah mile 0 to 18/3	21,449
Constructing a New Moharis along M. S. Bund, Bara Gazo to Mahmudawah and Belo Loop	23,197
Raising Belo Loop	36,683
Raising and strengthening M. S. Bund, Rajwah to Gungri mile 39 to 42	14,024
Constructing Sonda Korai Loop	12,249
Constructing New Loop behind Thahimani Gulel Loop Baghar Uchito Bund	1,74,936
Constructing Thahimani Gulel Loop Bund of 1920 to Baghar Uchito Bund	14,573
Constructing new Retired Belo Loop	10,508
Western Nara District.	
Constructing Loop to Abad Bund	92,999
Sand coring of Abad Bund	15,255
Ghar Canals District.	
Raising and strengthening Loop Bund of 1901 behind Mitho Phulu Bund mile 32/6 to 36/1	14,988
Raising and strengthening Loop Bund of 1900 behind Mitho Phulu Bund mile 30/4 to 32/0	5,000

3.—INDUS LEFT BANK DIVISION.

(i) Works for which Capital Accounts are kept.

37. The canals in the Left Bank Division fall under two groups, *viz.*, (*a*) the Eastern Nara system and (*b*) Canals taking off direct from the Indus.

38. Under (*a*) are the Nara River, the Jamrao, Mithrao, Khipro, Thar and Hiral canals, all of which except the Khipro Canal, which flows during the inundation only, are perennial. The Thar canal is, however, closed on or about the 1st December each year to save the land under command from being water-logged.

39. Under (*b*) are the Dad, Nasrat, Fuleli, Hasanali and a large number of smaller canals which are inundation canals though the Fuleli receives a fair rabi supply.

(a) The Eastern Nara System.

NARA SUPPLY CHANNEL.

40. The Nara Supply Channel is an artificial cut 12 miles in length, taking off the river on its left bank above Rohri and forming the mouth of the Nara. Its discharging capacity is about 20,000 cusecs during high inundation. The Nara river below the channel has no regular banks and the result is that when the discharge in the channel exceeds 5,000 cusecs, the water overtops the banks and touches the Flood Diversion Bund on the east and the hills on the west.

41. During the year the channel worked satisfactorily. The head regulator was kept open throughout the inundation. The maximum gauge reading at the head regulator was 22·5 feet upstream and 22·1 feet downstream and the minimum gauge reading was 8·9 feet upstream and 8·8 feet downstream against the corresponding gauge readings of 24·4/23·7 feet and 6·6/6·5 feet respectively in the previous year. The maximum observed discharge was 18,321 cusecs on the 9th August 1922 and the minimum was 751 cusecs on 24th January 1923.

42. The silt deposit of the cold weather of 1922 in the head portion of this channel was scoured by the middle of June 1922, when it could carry a large discharge. When the river fell the channel was again silted up, as usual, at the end of the inundation.

43. With a view to improve the existing flat hydraulic gradient and thereby to increase the discharge of the Nara river which is at present insufficient for the full requirements of the Jamrao, Mithrao and other small canals dependent on it, eight cuts were sanctioned and four of them were completed during the year which have shown satisfactory results. As an additional measure to improve the supply the wide reaches of the Nara river are proposed to be groyned and dredged.

THE NARA.

44. The length of the Nara from the end of the Nara Supply Channel to the Jamrao Head works is about 96 miles and from the Jamrao to the Thar Weir about 100 miles. It commands over 500,000 acres of cultivable land. The area of cultivation during the year on the Nara in the Eastern Nara District was nearly 61,800 acres against 38,816 acres in 1921-22 and 39,869 acres the average of the previous three years.

45. The Nara below Makhi is being gradually improved. The raising and strengthening of the inner bunds from Makhi to Bakar has proved very beneficial as water at a higher level can now be admitted below Makhi with comparative safety for improving the supply to Khipro, Thar and Hiral Canals. The Makhi Dhand forms a storage of water for rabi cultivation on the Mithrao. The Mooral and Baghdad Sangs sluices which feed this dhand were opened on 31st July and closed on 6th October 1922 but the level of water in the dhand was not high enough to be of any use to the Mithrao.

JAMRAO CANAL.

46. The important works in progress on this canal during the year were (1) Improvements to Jamrao head works, (2) Constructing an office and a bungalow at Mirpurkhas for the Executive Engineer, Southern District Jamrao Canal, (3) Additions and alterations to the bungalow and office of the Executive Engineer, Northern District Jamrao Canal, at the same station and (4) Constructing a Distributary *ex.* 109th mile of the canal. The canal and its minors were maintained in good order. The immediate effect of improvements to head works has been a greatly increased maximum discharge without the usual silt trouble and although this has not caused a large increase in cultivation during the year it will probably do so in future years. The improvements however have greatly increased the yield and this in itself is a great advantage to zamindars who had suffered on account of the failure of supply in previous years. The maximum and minimum discharges measured above the weir were 11,050 cusecs on 11th August 1922 and 914 cusecs on 26th January 1923, respectively.

47. The area cultivated during the year was about 242,400 acres as compared with 188,057 acres of last year and 209,164 acres the average of the previous three years. The area under cotton was about 110,900 acres as compared with 49,586 acres in the last year and 91,383 acres the average of the previous triennium. The rainfall was much below the average and was untimely. The discharges above Jamrao head in October, November and December 1922 never fell below 1,100 cusecs and such a good rabi supply has not been received since 1917. The discharge fell below 1,000 cusecs only for 23 days in January and February and the canal was then closed for one week in rotation with the Eastern Nara. The cotton crop was excellent and the total yield is a record one being 14 annas against 10 annas in the bumper year of 1919. The crop was slightly attacked by boll worm but no appreciable harm was done. The total area cultivated under "Adhawa" crop was 5,931 acres. The kharif area was more than that of last year but the area under Bajri showed a decrease owing to increase in the area of cotton.

The rabi area was 67,800 acres against 42,033 acres last year and 45,110 acres the average of the last three years. An allotment of new land to the extent of 3,520 acres was made during the year on this canal.

MITHRAO CANAL.

48. This is a perennial canal taking off the Nara above the Makhi regulator. The inundation being a satisfactory one the canal worked well during the year.

49. Makhi left, Chotiari Minor and Makhi right also worked well and specially the last showed considerable improvement due to the groyne work and the raising of berms.

50. With a view to do away with direct irrigation from the main canal as far as possible, the work of remodelling Right and Left Bank branches *ex.* 9th mile with Kandiari and Santor Minors was taken in hand. The two branches and the Santor Minor came into operation during the year and worked satisfactorily. The Kandiari Minor is still in progress.

51. The Full Supply Level at 30th mile could only be maintained on rotation days. The supply was deficient at the beginning of the season in the Left Bank Distributary *ex.* 30th mile and a kacha mouth for Atnawah *ex.* Mithrao had to be opened for some time to supplement it. The Right Bank Distributary as well as both the Distributaries at the 45th mile worked well.

52. The area cultivated during the year under report was nearly 97,800 acres as compared with 76,628 acres of the previous year and 90,859 acres, the average of the last triennium.

HIRAL CANAL.

53. This canal was opened on 6th May 1922 and worked very well. The lowering of the pavements of the masonry works and the bed of the Hiral head distributary had the desired effect of improving the supply.

54. The cultivation during the year was over 14,700 acres against 11,950 acres in the last year and 14,137 acres the average of the last three years.

55. An allotment of 214 acres was made on this canal during the year under report.

THAR CANAL.

56. This canal was opened on 30th May 1922. Owing to low supply, rotations had to be resorted to on the main canal and water was properly distributed on all branches and distributaries throughout the whole season.

57. The 3rd Mile Right and 7th Mile Left Bank distributaries constructed during 1919-20 did not work satisfactorily owing to the excessive draw-off by some karias in the upper reaches which resulted in deficiency at the tail where the karias had to be given mouths direct from the main canal. The adjustment of sluices is very necessary.

58. The cultivation during the year was about 47,000 acres against 39,239 acres during the last year and 44,837 acres the average of the past triennium.

KHIPRO CANAL.

59. The Khipro canal flowed from 17th May to 15th October 1922.

The clearance done during the last two years and double groynes constructed in the bed of the Nara ½ mile above and ½ mile below the present mouth of Khipro Canal with a view to improve the supply in the canal proved beneficial. For permanently improving the supply a masonry weir 60' long has been constructed across the Nara below the Khipro head.

60. The capital expenditure on this canal during the year amounted to Rs. 36,183.

61. The cultivation during the year was a little over 3,800 acres against 2,113 acres last year and 2,242 acres, the average of the previous triennium.

(b) Canals taking off direct from the Indus.

NASRAT CANAL.

62. The Nasrat canal was opened on 28th May and closed on 18th October 1922. The canal did not receive full supply for a single day in the whole season and the intermediate regulators had therefore to be rotated. The supply in the early part of the season was good which induced zamindars to grow cotton to a large extent. The canal has not been working well for some time in spite of clearance in the main and branch canals. The deficiency at the tail is chiefly due to the draw-off of excessive supply by a large number of karias and the question of sluicing them is under consideration.

63. The cultivation during the year on this canal was about 80,200 acres against 80,010 acres in the last year and 80,538 acres the average cultivation of the previous three years.

DAD CANAL.

64. The Dad Canal was opened on the 28th May 1922. It received full supply level for 85 days and was closed on the 14th November 1922. With the exception of a few days the canal from June to September was running full and there was no occasion to resort to rotations.

65. The construction of a regulator at the 56th mile of the main canal had the desired effect as zamindars on Mubarakwah who usually clamour for water were more than satisfied. The raising and strengthening of the right bank of Suhaganwah saved the tract round about Daulatpur in Moro Taluka, which used to be under river spill, from being flooded.

66. The Ren Distributary which takes off from the Dad received a good supply. Two breaches that occured in mile 2 of the Distributary were promptly closed.

67. The cultivation during the year on this canal including Ren Distributary was over 126,500 acres against 115,345 acres in the last year and 108,697 acres the average of the previous three years.

68. New land to the extent of 308 acres was allotted during the year.

NAULAKHI.

69. The Naulakhi canal was opened on 29th May and closed on 18th October 1922. Though the head of the canal was favourably situated with respect to the river there was deficiency at the tail in the latter part of the season chiefly owing to excessive draw-off by karias in the head reaches. Several karias have already been reduced and the reduction of others will be taken in hand as soon as possible.

70. The area cultivated during the year was nearly 50,900 acres against 42,009 acres in the last year and 43,507 acres the average of the previous three years.

FULELI CANAL.

71. The Fuleli canal worked very well during the year. The head was stable and no silting or erosion took place. The silt that had dropped in the tail reach in the last inundation had been scoured away in the rabi season by opening the escape and the supply at the triple sluice was good. The level of 17·5 feet was maintained safely downstream of Alipur Regulator and this level is now necessary as owing to improvements to canals in the Tando Bago sub-division there is a greater draw-off between Alipur and the Triple Sluice.

72. The area cultivated during the year was about 410,600 acres against 395,898 acres in the last year and 393,959 acres the average of the previous triennium.

HASANALI CANAL.

73. The removal of a bad bend and the construction of paka sluices over karias in the upper reaches improved the supply in the lower reaches and the tail branches of this canal which hitherto suffered from deficiency.

74. The area cultivated during the year was about 17,500 acres against 16,219 acres cultivated in the last year and 17,666 acres the average of the previous three years.

CANALS IN THE HYDERABAD CANALS DISTRICT.

75. All the canals in this District worked satisfactorily except the extreme tail of Sarfraz which had no water until the 1st September owing to the large draw-off in the upper reaches.

76. The work of constructing a second class inspection bungalow between Shahdadpur and Saidabad was in progress.

77. The cultivation on the canals in the Hyderabad Canals District, except Ren Distributary, for the year was about 263,400 acres against 252,038 acres in the last year and 252,119 acres the average of the past three years.

(ii) WORKS FOR WHICH CAPITAL ACCOUNTS ARE NOT KEPT.

78. The principal canals falling under this head are the Mehrab and Dambro in the Nasrat Canals District and the Ren, Gharo Mahmudo, Kari Shumali and Nasir in the Hyderabad Canals District. All these canals except the Mehrab and Ren have since been classified as works for which capital accounts are kept. The Mehrab did not work well. The other canals worked satisfactorily.

4.—PROTECTIVE EMBANKMENTS.

79. Though the inundation was very good, the river did not rise very high and the bunds were not heavily strained. The weak portions of the bund line have been raised this year and "Muhari" constructed wherever necessary to protect it from wave wash.

KASHMORE BUND.

80. There was very little water against the bunds this year. From mile 16 to 45 of the Kashmore Bund there was no water at all, whereas from mile 0 to 13 there was

not sufficient water as to cause anxiety. The maximum depth of water against the bund was 9·3 feet at mile 4. The soil at this place is very good and there is little likelihood of its breaching here.

81. The only portion open directly to the river is the length from mile 2/2 to 6/4 of the 1896 loop, the flood water against the rest of the bund being either in a compartment or from some Dhand opposite it. The Gouspur Loop had no flood water against it, nor are there any means of wetting it from the river through the Front Bund. A breach which occurred in the right bank of the Begari Canal last year was kept open and water therefrom touched the Loop in the first 7 furlongs.

82. Similarly water from Kundharowah at mile 9/4 on the Tori Loop touched a small portion of the Gouspur Loop in miles 11 and 12. In the remaining lengths of Gouspur Loop water from both these sources filled the low lying places in the compartment and the borrow pits along the Loop. There was erosion at intervals opposite miles 4 to 6 of 1896 Loop during the abkalani, but it was not so active as to endanger the bund. The river is 640 feet away from the bund at mile 4/6.

83. The main current of the river which though not actually hard against the right bank, had by the end of July shifted to the left bank so that the main river is now well away from the right bank with a large kacha between it and the old course. There is no probability of the river returning to the Right Bank again for some years.

84. As the river did not rise very high, the bunds in the Shikarpur Canals District were free from danger. A few leaks occurred in the Arain Loop to the Sukkur Begari Bund. Some of the small wetting channel bunds breached but caused no damage. For the last 2 years the river was cutting in front of the main bund at mile 17/4 to 18. The nearest point of the bund was less than 2,000 feet. The front bund might possibly have been eroded and in order to protect the country, a second line of defence (Arain Loop) was constructed at a total cost of Rs. 5,70,944.

85. The bunds in the Ghar Canals District were carefully patrolled specially at Lundi Dhoro in miles 20 and 21 of the Jhalli Bund and between miles 30 and 36 of the Mitho Bund where active erosion was going on. They stood the pressure of water well. As the main Mitho Phulu Bund was threatened between miles 30 and 36, the existing 1900 and 1901 loops behind miles 30/4 to 32 and 32/6 and 36/1 which were not sufficiently high, were raised and strengthened during the year at a cost of Rs. 35,024.

86. The right bank of the Ghar Canal forms a part of the main river flood protective system. There is practically no free board along its considerable length. No disaster has happened as yet, but if an abnormally high flood occurs it would not be possible to prevent a disaster even by breaching the left bank of the Ghar. It has therefore been proposed to strengthen this portion at a cost of Rs. 38,229 for which plans and estimates have been sanctioned by the Indus River Commission.

87. The length of the river bunds in Western Nara District is 101 miles. The Abad Bund having been raised and strengthened in its first three miles no trouble was experienced. Moreover 4 karias were excavated from the river to get early water against the bund for wetting it. This worked well and had the good effect of serving as a cushion against an impact of 3 or 4 feet sudden rise of water against the bund which usually takes place in this portion. There was no spill water against the Lashari and Nangeshah Bunds.

88. A cut was given in old Nangeshah Bund at mile 26 and the water entered the pits only from mile 25 to 30 of the bund. Spill water did not touch the bunds from mile 39/5 to 52/0. From mile 52/0 to 53/4 water was allowed to soak the bunds by giving 2 cuts, one from Marviwah above regulator and the other from karia Razishah. To prevent the Pritchard Canal water accumulating against the low end of the bund compartment opposite mile 39 in time of breaches and in order to soak Nangeshah and the loop compartment, a masonry gap has been constructed at mile 5/6 R. B. Pritchard Canal above the head regulator.

89. In the Karachi Canals District a line of bunds to check river spill runs along both banks of the river in a length of 56 miles on the right and 92 miles on the left side. As there was active erosion opposite mile 1 of the Sonda Hillaya Bunds and the Thahimani Gulel Loop, two new loops, *viz.*, the Sonda Korai Loops and the New Juna Thahimani Loop were constructed during the year to save the country from floods.

90. The total mileage of bunds in the Nasrat Canals District is 15 miles and all stood water pressure well. The raising and strengthening of the right bank of Suhaganwah prevented the annual flooding and consequent damage to standing crops along the Suhagan and Herbert tracts.

91. Water touched the Ren Bund at the end of June and by the beginning of July and wetting was done by beldar establishment. The work of raising and strengthening this bund was completed at a cost of Rs. 3,156.

92. The heavy erosion in front of the Ghallian Bund in the Fuleli Canals District has stopped.

93. The Hajipur Bund was wetted by means of cuts in the bank of Wasing, Nurwah, Khairwah and Khokherwah and karias in miles 1 and 3 on the river side of the bund and also by spill water. Owing to high winds sand was blown off from the sandy portions of the bund which had to be continually repaired by the establishment. Wave-wash was very active in miles 13/5 and 14/6 and damaged the stone pitching to some extent. To prevent further destruction groynes were set at an oblique angle to the bund so as to be at right angles to the direction of the waves and this has proved efficacious. The groynes are of the single basket work pattern and are made by the beldar establishment. Endeavours are also being made to encourge the growth of lai jungle to break the force of the waves.

94. The stone groynes at Gidu Bund continue to stand well and have completely fulfilled their purpose. The Jamshora front bund was raised to Indus River Commission Specification level.

5.—INDUS RIVER COMMISSION.

INDUS RIVER COMMISSION WORKS AND THEIR CLASSIFICATION.

95. The expenditure on all the works, including surveys, carried out under the direct supervision of the Chief Engineer in Sind, during the year under report, were charged to "15—Other Revenue Expenditure financed from Ordinary Revenues—Works for which neither Capital nor Revenue accounts are kept'.

SURVEYS OF THE INDUS.

96. The Indus from 16 miles above Kashmore to its bifurcation at the Delta was surveyed for a length of 516 miles against 522 miles of last year. Portions of the two branches of the River Indus below the point of bifurcation, *viz.*, the first 20 miles of the river Haidri and the upper 5 miles of the river Ochito were also surveyed and plotted. The total length of the Survey traverses done during the year was 911 miles as against 938 miles in the previous year.

DEMARCATING OF DISTRICT AND KHAIRPUR STATE BOUNDARIES.

97. The work of demarcating district boundaries has been carried upto Gopang village about 25 miles above Kotri. It could not be finished upto Kotri as the old existing and very complicated boundary had to be followed. Good progress was also made on the work of maintaining the Khairpur State boundary which was taken in hand during the year.

RIVER GAUGES.

98. The Indus river discharge observations are conducted by the Indus River Gauging District.

99. Gauge readings of the river were taken daily at 11 stations, twice a week at 4 stations, and weekly at 6 stations.

100. All these gauges are maintained for the purposes of fixing the high flood levels for the river embankments, for recording the changes in the level of supply at canal mouths and for observing any permanent change in the level of the river.

SCIENTIFIC WORKS AND DISCHARGES OF THE INDUS.

101. Discharge and other scientific observations were continued at Sukkur and Kotri as usual. The results will be published in the Indus River Commission Records.

The total monthly discharge at Sukkur during the inundation season and the minimum, maximum and average discharges of the year, compared with the results of the previous four years are as follows :—

Month.	1918-19.	1919-20.	1920-21.	1921-22.	1922-23.
	Cusecs.	Cusecs.	Cusecs.	Cusecs.	Cusecs.
June	13,257,000	8,850,000	6,452,000	5,877,740	9,971,573
July	9,809,000	12,186,000	15,422,000	9,297,557	13,219,431
August	9,924,000	14,089,000	14,506,000	14,628,001	14,413,531
September	5,924,000	7,488,000	4,793,000	7,762,473	11,603,767
Total ...	38,914,000	42,106,000	41,173,000	37,060,861	49,208,302
Average discharge ...	318,967	345,181	337,485	303,777	403,347
Maximum discharge ...	521,890	506,352	626,406	605,278	591,707
Minimum discharge June to September.	92,901	135,136	102,600	96,569	168,315
Minimum discharge observed throughout the year.	21,784	31,017	22,582	35,894*	32,449

* The figure as reported for 5th February 1922 has been adopted and is different from that mentioned in the Report for 1921-22 as occurring on 10th December 1921.

The discharge observations of the Indus at Mithankot below its junction with the Chenab were continued.

FLEET.

102. Two motor launches the "Dorothy" and the "Margaret" were purchased for the fleet during the year under report. Both the launches are very powerful and are fitted with buffalo engines and also a separate dynamo engine (petrol driven) for electric lights and charging of starting battery. These launches are now doing the whole of the discharge work at Sukkur and Kotri, the old steam launches being unable to maintain sufficient steam.

EXTENSIONS AND IMPROVEMENTS AND SPECIAL REPAIRS.

103. The estimated cost of works under these heads sanctioned or approved during the year 1922-1923 by the Indus River Commission for execution by the Executive Engineers and by the Commissioner, is as follows :—

District.	Extensions and improvements.	Special repairs.	Total.
	Rs.	Rs.	Rs.
Indus Right Bank Division.			
Western Nara	38,641	3,18,836	3,57,477
Karachi Canals	1,55,939	3,48,227	5,04,166
Begari Canals	1,676	5,043	6,719
Shikarpur Canals	5,720	5,92,033	5,97,753
Ghar Canals	65,560	54,033	1,19,643
Indus Left Bank Division.			
Fuleli Canals	4,141	.....	4,141
Indus River Commission.			
Works under the direct control including Indus River Gauging District.	16,219	.....	16,219
Grand Total ...	2,87,896	13,18,222	16,06,118

TOTAL EXPENDITURE.

104. The total expenditure incurred and accounted for by the Indus River Commission was :—

	Rs.
Works	25,840*
Repairs	33,645
Establishment	87,530
Tools and Plant	6,559
Grand Total ...	1,53,574

EROSION.

105. Erosion of the river banks has been very active in the Western Nara and Ghar Canals districts.

There has been a very heavy erosion of the right bank of the river opposite Western Nara Akil mouth and Ford wah. Estimates and the final alignments of a retired loop have been settled on and work is in progress on the portion of the loop behind the Abad Bund which is urgently required.

106. In the Karachi Canals District the river has been attacking the right bank opposite Gulel-Thahimani loop with the result that the Marho Emergency Loop has been eroded away and the river is approaching the Thahimani Loop at a rapid pace. A retired loop called the Juna Thahimani Loop has been constructed at an approximate cost of Rs. 3,95,000.

LLOYD BARRAGE PROJECT.

107. The final sanction of the Secretary of State to the Sukkur (now Lloyd) Barrage scheme was not received up to the end of the year under report. The work on the scheme comprised chiefly the close contouring of the whole tract commanded by

* The figure of Rs. 25,840 includes Rs. 12,956 spent on demarcation of boundaries between districts on the river side in Sind which was charged to "41-Provincial Civil Works".

the projected barrage canals, which necessitated the taking of levels at close intervals over an area of about 2,000 square miles on the right bank of the Indus, and about 3,500 square miles on the left bank of the Indus, or a total area of about 5,500 square miles, involving over 22,000 lineal miles of levels. Whilst this work was in progress the zeros of all existing gauges of canals and bunds met with were checked and their true reduced levels worked out and placed on record.

108. The net-work of secondary levelling for the right bank area and also most of the left bank area taken up by the Survey of India have progressed satisfactorily and the G. T. S. Bench Marks left were of great use as checks during the contouring operations.

109. Observations for water levels and cross section of the Indus at the site proposed for the Barrage were continued throughout the year under report as also observations of the Nara Supply Channel.

6.—MISCELLANEOUS.

110. No levelling or topographical survey was carried out by the Survey of India Department during the year.

PLANTATIONS.

111. Existing plantations on canals and bunds in the Indus Left Bank Division were well cared for. New trees were also planted in some Districts and are thriving.

IRRIGATION OF COTTON.

112. No Egyptian cotton was sown in this Division during the year. The following table shows some details regarding waterings given to indigenous cotton :—

District.	Lift lands.		Flow lands.		Date of last watering.
	Number of waterings.	Intervals between.	Number of waterings.	Intervals between.	
Hyderadad Canals District ...	8 to 9 ...	.....	.....	.....	30th September 1922.
Fuleli Canals District ...	4 to 6 ...	15 to 20 days.	.....	.....	
Eastern Nara District ...	.....	.....	5 to 6 ...	.....	20th October 1922.
Northern District Jamrao Canal.	8 to 11 ...	.....	7 to 13 ...	.....	Lift between 14th October 1922 to 28th November 1922 and flow between 7th October 1922 to 25th November 1922.
Southern District Jamrao Canal.	6 to 8 ...	.....	7 to 10 ...	.....	Lift between 30th September 1922 to 28th October 1922 and flow between 30th September 1922 to 11th November 1922.

III.—DECCAN AND GUJARAT.

1.—NORTHERN DIVISION.

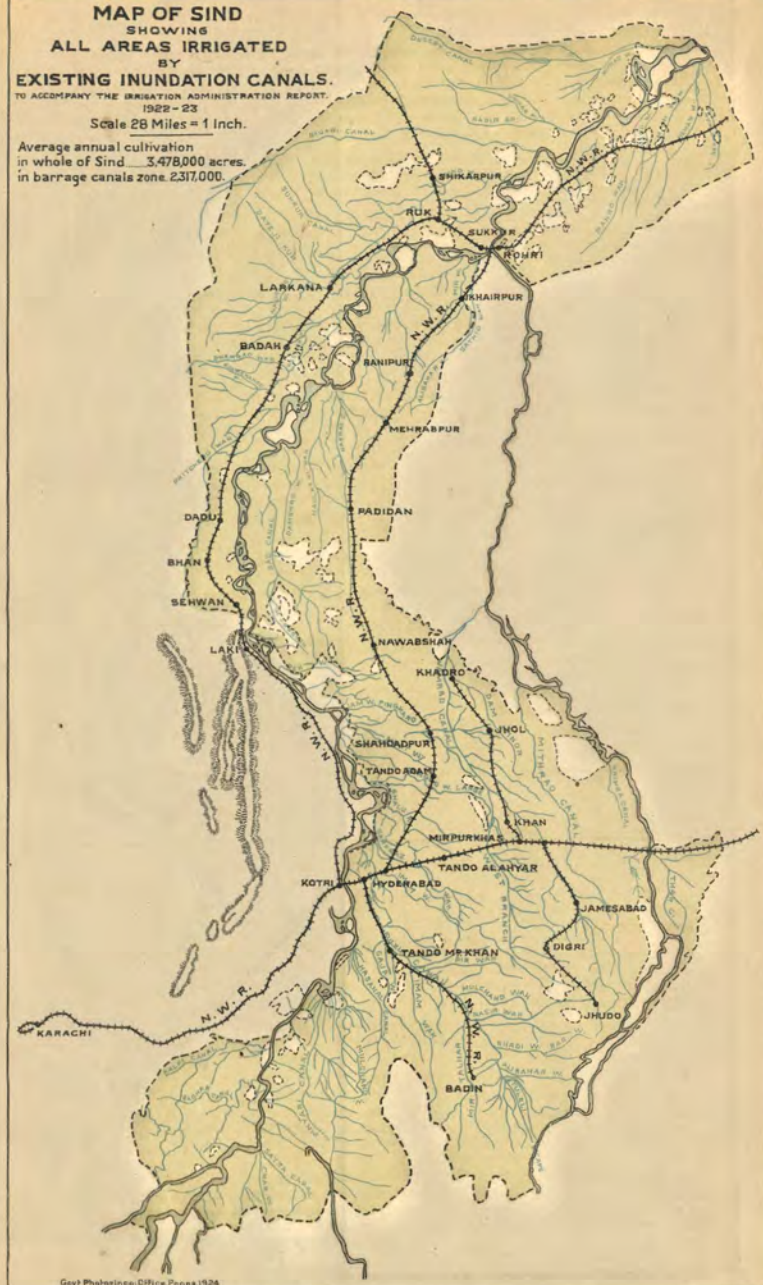
GENERAL REMARKS.

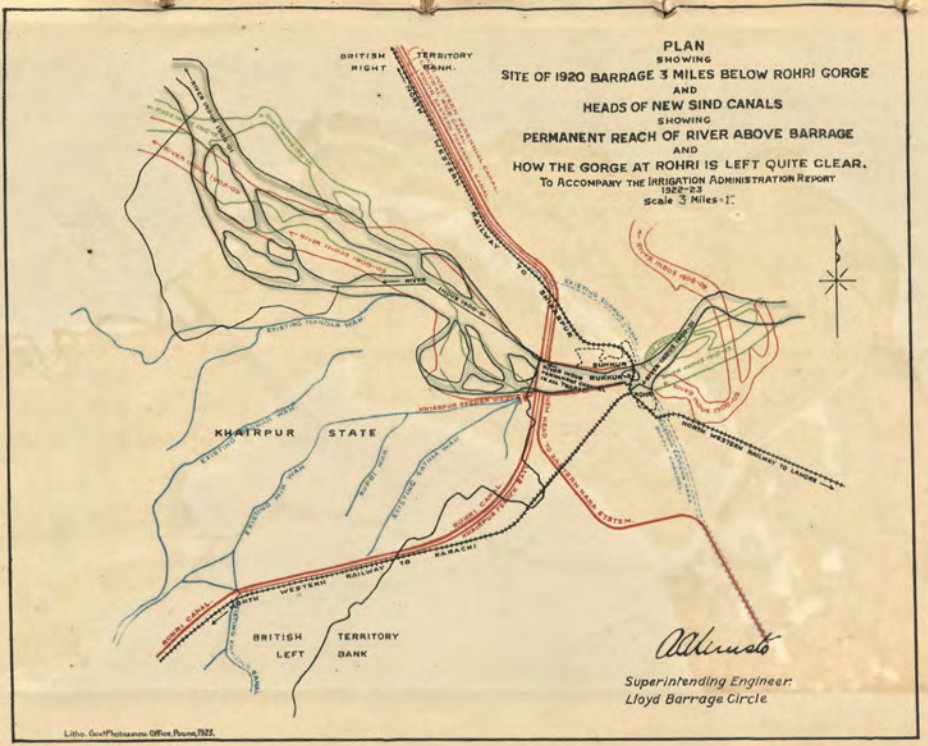
113. The monsoon commenced by the middle of June and lasted up to 20th September. The rainfall was neither sufficient, nor intense enough, for filling the reservoirs and tanks. It was, however, well distributed and fairly good for dry crops though insufficient for rice.

(i) WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT.

HATHMATI AND KHARI-CUT CANALS.

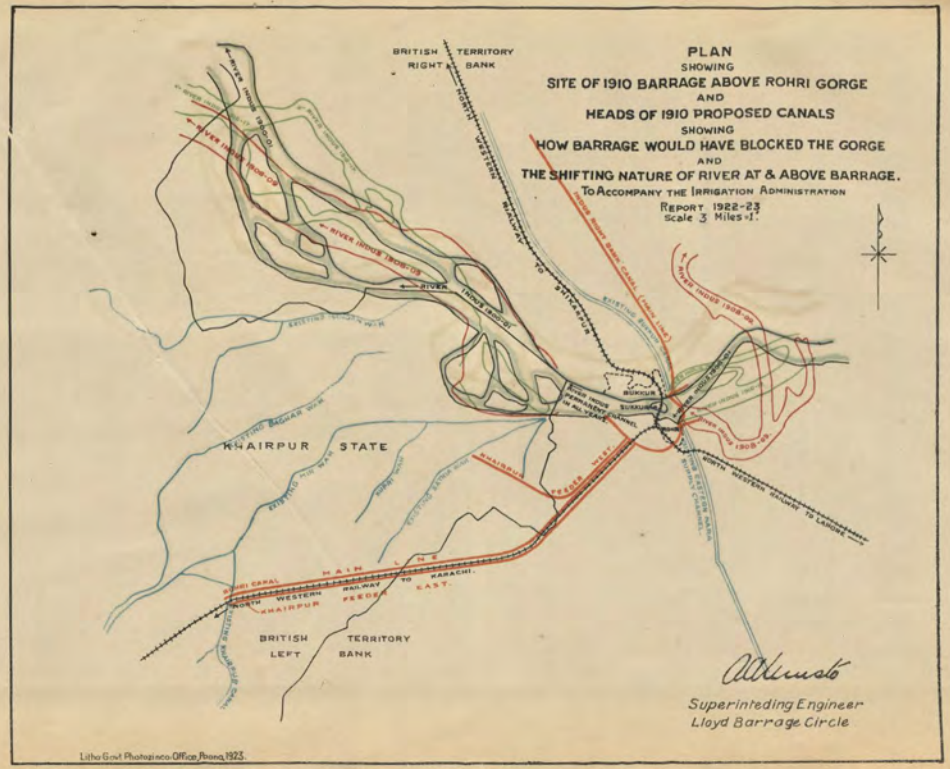
114. The rainfall gauged at Ahmedabad and Prantij during 1922-1923 was 34·89 and 26·91 inches against the average of 29·63 and 30·80 inches, respectively, for the last 30 years including the year under report. The Hathmati river was in flood on 2nd August and 18th September 1922 when the water level rose for a few hours to 3 and 2·9 feet above the weir crest, respectively, on those dates, the rainfall at Himatnagar being 1·25 inches and 1·60 inches, measured on the previous days. No damage occurred to the canal or the head works. The Hathmati canal was opened on the 22nd July and the surplus water was let into the Bokh reservoir. The maximum discharge of the canal was 282 cusecs on the 17th September 1922 and the minimum 25 cusecs on the 18th March 1923. From the month of February, the discharge having dropped below 50


MAP OF SIND
SHOWING
ALL AREAS IRRIGATED
BY
EXISTING INUNDATION CANALS.
TO ACCOMPANY THE IRRIGATION ADMINISTRATION REPORT.
1922-23
Scale 28 Miles = 1 Inch.
Average annual cultivation
in whole of Sind 3,478,000 acres.
in barrage canals zone 2,317,000.
SHIKARPUR
RUK
SUKKUR
ROHRI
LARKANA
KHAIRPUR
BADAH
RANIPUR
MEHRABPUR
PADIDAN
DADU
BHAN
SEHWAN
LARKANA
NAWABSHAH
KHADRO
JHOL
SHAHDADPUR
TANDO ADAM
KHAN
MIRPURKHAS
TANDO ALAHYAR
KOTRI
HYDERABAD
JAMESABAD
DIGRI
TANDO MUHKHAN
JHUDO
KARACHI
BADIN
N.W.R.
Govt Photozinco Office, Poona, 1924.



Litho. Govt Photozinco Office, Poona, 1923.

PUNJAB STATE
Present Average Annual Cultivation in Barrage Zone ..... 2,337,000 Acres
Final Estimated Annual Cultivation in Barrage Zone ..... 3,990,000 "
Present Average Annual Cultivation in whole of Sind and Khairpur State 3,670,000 "
Final Estimated Annual Cultivation in whole of Sind after Full Development of New Canals ..... 6,719,000 "
Superintending Engineer
Lloyd Barrage Circle
PLAN of SIND
SHOWING
ALL AREAS TO BE IRRIGATED
BY
LLOYD BARRAGE & NEW SIND CANALS
(in Green & blue wash)
AND
EXISTING CULTIVATION IN AREAS
NOT COMMANDED BY BARRAGE
(in Pink wash)
To Accompany the Irrigation Administration Report
1922-23
Scale 20 Miles = 1 Inch


PLAN
SHOWING
SITE OF 1910 BARRAGE ABOVE ROHRI GORGE
AND
HEADS OF 1910 PROPOSED CANALS
SHOWING
HOW BARRAGE WOULD HAVE BLOCKED THE GORGE
AND
THE SHIFTING NATURE OF RIVER AT & ABOVE BARRAGE.
TO ACCOMPANY THE IRRIGATION ADMINISTRATION
REPORT 1922-23
Scale 3 Miles = 1'.
BRITISH TERRITORY
RIGHT BANK
NORTH WESTERN RAILWAY TO SHIKARPUR
RIVER INDUS 1900-01
RIVER INDUS 1908-09
RIVER INDUS 1908-09
RIVER INDUS 1900-01
INDUS RIGHT BANK CANAL (MAIN LINE)
EXISTING SUKKUR
RIVER INDUS 1908-09
RIVER INDUS 1908-09
RIVER INDUS 1908-09
BUKKUR
SUKKUR
RIVER INDUS PERMANENT CHANNEL IN ALL YEARS
RIVER INDUS 1908-09
RIVER INDUS 1908-09
NORTH WESTERN RAILWAY TO LAHORE
EXISTING BAGHAR WAR
KHAIRPUR STATE
EXISTING MIN WAR
KHAIRPUR FEEDER WEST
EXISTING SATRIA WAR
MAIN LINE
ROHRI CANAL
NORTH WESTERN RAILWAY TO KARACHI.
KHAIRPUR FEEDER EAST.
EXISTING KHAIRPUR CANAL
BRITISH TERRITORY
LEFT BANK
Superinteding Engineer
Lloyd Barrage Circle
Litho Govt Photozinco Office, Poona, 1923.

cusecs, the canal was run intermittently after heading up water above the weir. The Bokh reservoir could be filled by means of the Bokh feeder only to R.L. 337. 4, *i.e.* 2 feet below its F.S.L. R.L. 339·50 (the capacity at that level being 235·00 million cubic feet) the whole of which was made available for irrigation on the Khari-Cut Canal.

115. The Chandola tank which is fed by the Khari-Cut Canal taking off from the weir at Raipur on the Khari River, was filled twice during the year up to R. L. 138·65 and 139·55 respectively in August and September, the F.S.L. being at R.L. 142, and the water was utilized for irrigating kharif and rabi crops under its command.

116. The area irrigated on the Hathmati Canal during the kharif season was 820 acres, of which 21 acres were watered in the hot weather for the utilized discharge of 57 cusecs from the canal, which gives a duty of 14·01 acres per cusec, a very low result due to the heavy leakage losses that take place in the first nine miles of the canal on account of the extreme porosity of the soil. The average discharge admitted into the canal was 141 cusecs, but the remaining supply was sent down to the Khari-Cut Canal through the Bhujwa channel and the Bokh reservoir. In the rabi season 3,049 acres were irrigated.

117. During the year, the rainfall was not sufficient for rice cultivation and the Khari river was not in good flood. On the Khari Cut canal the progress of transplantation was restricted as the cultivators depend on good early rainfall for their operations. The situation not being very hopeful, the period of accepting water applications was extended to 15th August. Every possible endeavour was made to distribute water economically so as to protect the early transplantation. The cultivators were also advised to grow dry crops, for which water was given. The object aimed at was to restrict the area to the limit of water capacity, rather than to cultivate a large area and not be in a position to satisfy the demand. This was done from experience gained in the season of 1920-1921, when more than 50 per cent. of the crops sown withered for want of water. As a result of the policy adopted this year, the crops were saved and gave a yield of over 12 annas throughout.

118. The area irrigated on the canal in the kharif season was 3,797 acres, out of which 282 acres represented hot weather crops. The average discharge of the canal at Raipur was 60 cusecs, which gives a duty of 58·58 acres per cusec, a very satisfactory result considering the peculiar conditions that prevailed during the season. In the rabi season, 2,219 acres were irrigated by canal water after the kharif crop had been reaped.

119. The total area irrigated and the gross assessed revenue on the Hathmati and Khari Cut Canals during the year were about 9,900 acres and Rs. 45,200 respectively against 15,000 acres and Rs. 71,800 the average for the previous triennium.

TANKS IN THE KAIRA COLLECTORATE.

120. The area irrigated and the gross assessment on the Wangroli, Tranza Nagrama, Savli, and Saiat tanks compare with the averages of the triennium ending 1921-1922 as shown below :—

Name of tank.	1922-1923.		Average of previous three years.	
	Area irrigated.	Gross assessed revenue.	Area irrigated.	Gross assessed revenue.
	Acres.	Rs.	Acres.	Rs.
Wangroli	1,041	4,057	1,464	6,019
Tranza Nagrama	.....	*1,104	26	1,368
Savli	1,489	5,556	1,805	6,351
Saiat	732	3,066	880	1,961

* Miscellaneous receipts from all sources.

121. The Wangroli, Savli and Saiat tank filled partly, but the Tranza Nagrama tank remained empty. The water from the first three tanks was utilized in irrigating kharif and rabi crops, mainly rice, wheat and gram. The surplus water of the previous year was utilized in irrigating hot weather crops. All the above tanks were maintained in good condition at a cost of nearly Rs. 17,500.

FUTELAO TANK.

122. The Futelao Tank at Nani Kharaj in the Dohad Taluka filled partly as the rainfall was below normal. The maximum water level in the tank was 9·70 feet above the cill of the lowest outlet. The area irrigated during the hot weather season was 30

acres and there was no demand for water in the kharif season, while in the rabi season 83 acres were irrigated against 59 acres of the previous year. The miscellaneous receipts including tank bed cultivation amounted to Rs. 196 and the tank and canals were maintained in good order at a cost of Rs. 1,898.

(ii) WORKS FOR WHICH CAPITAL ACCOUNTS ARE NOT KEPT.

KHARI SLUICES.

123. As the rainfall at the source of the Khari river was of only slight intensity throughout the monsoon months, there were no appreciable floods in it. The Khari water was allowed to run for the Kalambandhi villages upto the middle of September. Afterwards the flow having diminished to 37 cusecs, it was supplemented from the Bokh reservoir and the Bhujwa channel to protect the transplanted area in the Kalambandhi villages.

MUWALIA TANK.

124. The Muwalia Tank filled to overflowing, the waste weir running for fourteen days from 18th to 26th September and from 2nd to 7th October 1922. There was, however, practically no demand for water for kharif crops as in the previous year and only 74 acres were irrigated. The area irrigated in the last year was 27 acres. In the rabi season, 801 acres were irrigated against 674 of the previous year, which is the highest obtained for this tank since its construction.

125. The total area irrigated during the year was 875 acres against 551 acres, the average of the last three years, while the gross assessment of the year amounted to Rs. 2,771 against the average of the last three years, *viz.*, Rs. 1,713. The tank and canals were maintained in good condition at a cost of Rs. 3,391.

OLD TANKS.

126. Improvements to 8 tanks in the Gujarat Irrigation District and repairs to 20 tanks in the Gujarat Irrigation and 14 tanks in the Surat and Broach Districts were executed during the year at a total cost of Rs. 37,830 and Rs. 32,759 respectively.

127. The following important works were in progress during the year :—

	Expenditure. Rs.
(1) The Timba Tank at Harsol, Taluka Prantij, Ahmedabad Collectorate	7,273
(2) The Naika reservoir at Chanindra, Taluka Matar, District Kaira	28,354
(3) The Fudsar Tank at Kasundra, District Kaira ...	2,965
Repairs.	
(1) Special repairs to the tank at Dangaria, Taluka Godhra ...	3,194
(2) Repairs to Gam tank and Rudasar bund at Bhaila, Taluka Dholka	3,929
(3) Special repairs to Bherai reservoir, Taluka Matar ...	1,137

TANKS AND BUNDS IN THE AHMEDABAD, KAIRA AND PANCH MAHALS COLLECTORATES.

128. Most of the small tanks and bunds in the Ahmedabad and Kaira Collectorates filled partly. The storage was utilized economically for the rice crop, as the water was not sufficient owing to deficient rainfall. The tanks in the Panch Mahals Collectorate filled owing to good rainfall in their catchments.

DRAINAGE CHANNELS.

129. The Drainage Channels in the Surat and Broach and Gujarat Irrigation Districts were maintained in good order at a cost of Rs. 7,058 and Rs. 9,296 respectively.

PROTECTIVE BUNDS AND RECLAMATION WORKS.

130. The protective bunds at Wagrej and Bigri in the Bulsar Taluka of the Surat and Broach District and those at Lakhigam, Kadodra and Hariñagar in the Wagra Taluka of the Broach District, which were constructed in the past with the object of preventing tidal water damaging culturable areas, continued to give the good results expected.

131. The reclamation bunds near Hansot and Asarsa in the Broach District gradually assist in reclaiming a large area of salt land by siltation. The total cost of maintenance and repairs of the Protective and Reclamation works in the Surat and Broach District during the year amounted to Rs. 5,511.

2—CENTRAL DIVISION.

132. The Ekruk Tank, the Jamda Canals and the Krishna Canals are the main sources of irrigation in the Central Division.

(i) Works for which Capital Accounts are kept.

THE EKRUK TANK.

133. The Ekruk Tank supplies water not only for irrigation but also to the town of Sholapur, the Mills and the G. I. P. Railway. It is found out that under unfavourable conditions of replenishment, which arise at times, the tank is not able to meet all demands made on it, consequently projects for a supplementary tank or tanks are under preparation. The tank irrigated 1,524 acres as against 5,338 acres, the average of the previous triennium, the decrease being due to deficient storage owing to partial failure of monsoon. The gross assessed revenue amounted to Rs. 1,65,519 against Rs. 1,67,892, the average of the past three years. Fifty acres of sugarcane, more than the forecasted area, were allowed to be grown in connection with the new experimental method of planting it under the supervision of the Agricultural Department. As all the irrigators on the tank have taken to the method of planting sugarcane which is in vogue at Manjri Farm near Poona, it is not now necessary to give such a large area of sugarcane to the Agricultural Department.

THE JAMDA CANALS.

134. The area irrigated on these canals fell from 2,978 acres, the average of the previous triennium, to 1,823 acres, owing to the cancellation of rabi leases. The gross assessed revenue however rose from Rs. 11,341 to Rs. 14,578 which was due to realizations from sale of fruit from mango tree.

THE KRISHNA CANALS.

135. The capacity of the storage, *viz.*, Khodshi weir, for this canal has been found insufficient to supplement the discharge of the Krishna river and to adequately irrigate the crops dependent on the canal in the hot weather, and investigations are in progress for providing additional storage. The area irrigated on the canal was about 6,500 acres against an average 7,400 acres in the previous triennium and the gross assessed revenue was Rs. 56,000 which shows an increase of Rs. 7,600 over the average of the previous three years. The decrease in the area irrigated was due to timely and sufficient rainfall in the rabi season, which reduced the demand for canal water. The increase in the assessed revenue resulted from a larger area of highly rated crops being brought under irrigation.

OTHER WORKS.

136. On almost all the remaining works the area irrigated showed a decrease when compared with the average area irrigated in the previous triennium, consequently the gross assessed revenue fell. There was, however, an increase in the assessed revenue on the Lower Panjhra river works and the Bhatodi tank due to larger miscellaneous receipts and late replenishment on the works, respectively.

TOTAL AREA AND ASSESSMENT.

137. The area irrigated on all the works was 24,132 acres and the gross assessed revenue Rs. 3,80,047, the average of the previous triennium being 34,153 acres and Rs. 3,45,057 respectively.

(ii) Works for which Capital Accounts are not kept.

138. The total expenditure on extensions and improvements and maintenance and repairs to the bandharas, etc., in Satara, East Khandesh and West Khandesh Districts was Rs. 8,245. The area irrigated by these works was 9,674 acres.

3. Deccan Irrigation Division.

GENERAL REMARKS.

139. The year 1922-1923 was a normal one and the rainfall was upto the average over the whole area. The monsoon started well in the catchment of the principal storage reservoirs. It was however deficient in the canal tracts, especially in the months of July and August, when monsoon crops were most in need of water. This resulted in a very keen demand for canal water. Even during the month of September when rabi crops are sown, the rainfall in the canal tracts was unsatisfactory, and there was a rush for water for flooding before sowing rabi crops.

140. In the Ahmednagar District the condition of the country and people in general has greatly improved since the advent of the Godavari and Pravara Canals and the consequent establishment of the sugarcane industry. The labouring classes earn good wages, and on account of the scantiness of the local supply, labour is attracted from outside to the sugarcane areas and finds employment the whole year round.

141. It has been decided to introduce the perennial block system of irrigation on the Godavari and Pravara Canals and accordingly the classification of fields according to the nature of soil, etc., is in progress.

142. The sugarcane crop on both the Godavari and Pravara Canals was in good condition. Complaints, if any, were very few, and there is every reason to believe that the people were generally satisfied with the distribution of water. But the sugarcane cultivators received a very bad setback by the sudden fall in the price of 'Gul'. The advantages of concentrated areas are now fully realised by the Saswad Mali, and blocks of even up to 300 acres are sanctioned and leased out by these people.

143. Experiments are being continued on the Nira and Pravara Canals in entrusting the cultivators themselves with the distribution of water to their fields. The most important of these experiments is that being carried out, with the aid of a Venturi Meter, on an area of about 450 acres on the Nira Canal at Malegaon, where a regular organization has been possible. The progress of all these experiments is being watched with interest.

(i) WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT.

Works in operation.

NIRA LEFT BANK CANAL AND SHETPHAL TANK.

144. This system forms part of a scheme which was one of the pioneer irrigation works in the Deccan and protects an extremely precarious tract in the Poona District.

145. The Canal system consists of :—

(1) *A storage reservoir at Bhatghar* to impound 5,313 million cubic feet of water.

(2) *A pick-up weir at Vir* on the Nira river about 17 miles downstream from Bhatghar.

(3) *A Canal about 100 miles* long commanding a gross area of 274,447 acres and irrigating an area of from 60,000 to 80,000 acres annually. It was designed to carry 450 cubic feet per second, but the masonry works were built so as to admit of a discharge of 760 cubic feet per second, in case it was subsequently found desirable to enlarge the canal.

(4) *The Shetphal Tank.*—This tank is situated at the tail of the canal for the purpose of storing the surplus monsoon flow of the canal which would otherwise go to waste and to utilise the water so stored during the dry season. Its capacity is 592 million cubic feet.

146. The whole system represents a capital outlay of Rs. 65·92 lakhs and is financially the most remunerative of the large protective irrigation works now in operation, being the only one which shows a profit after paying its interest charges. It has also enormously benefited a tract which in previous years suffered seriously from drought and famine.

147. During the year under report this system irrigated about 75,000 acres, yielding a gross revenue of about Rs. 6,85,000, or a probable net revenue of about Rs. 4,79,000 which works out to about 7 per cent. on the capital invested as compared with the average of 6·7 per cent. of the preceding three years. The area irrigated and the net revenue also approximate to the previous averages.

148. A form of long term water lease that is peculiar to this irrigation system and is being extended to other canals is the so-called "perennial block". It consists of a six-year agreement between the irrigation department and the lessee, under which the former guarantees the supply of water for the irrigation of sugarcane on the one-third of the area concerned and for the irrigation of other crops during the monsoon and rabi seasons on the remaining 2/3rd of the area. The lessee binds himself to pay a fixed sum depending on the area, whether water is taken or not. There are at present about 16,000 acres under "perennial block" agreements on the Nira Canal, on a third of which sugarcane cultivation is allowed.

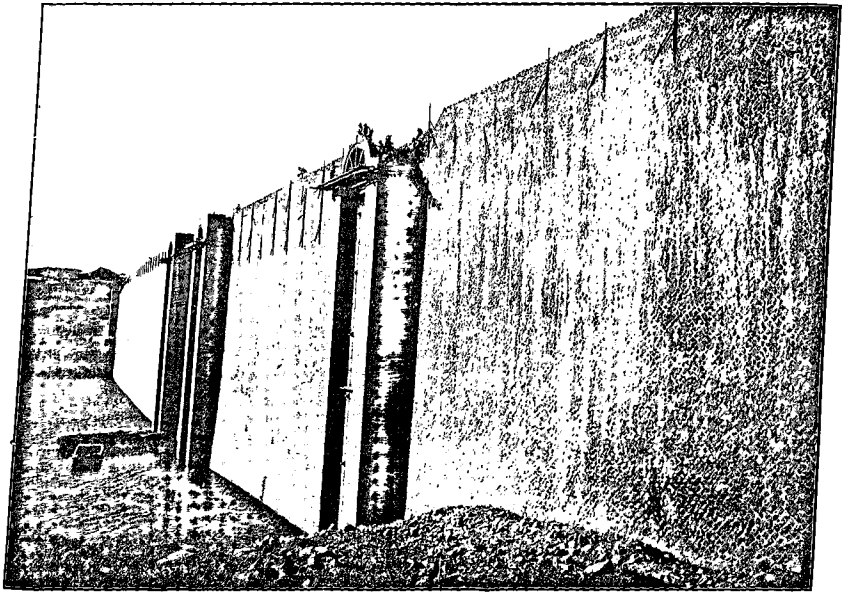
149. Another form of long term agreement in vogue on this and other canals is the "eight months' lease", which mainly differs from the "perennial block" in that it concerns irrigation during the monsoon and rabi seasons only. Yet another modified form is adopted on some canals and applies solely to rabi irrigation.

150. The guarantee of water for the more valuable crops is the attraction offered by these long term agreements and the advantage to the department is the stability of irrigation during the important seasons of rabi and hot weather, and also a fixed revenue that can be depended upon.

MHASWAD TANK.

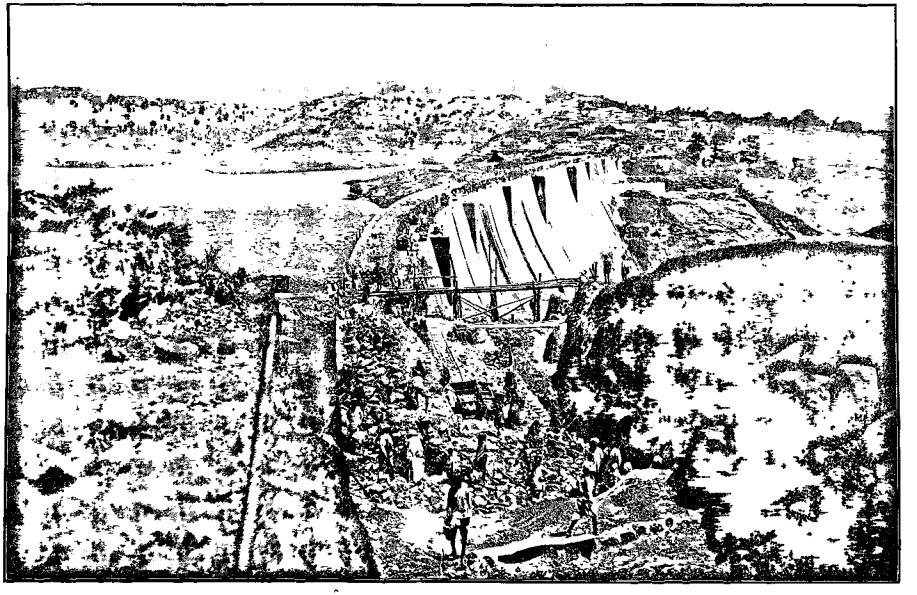
151. This irrigation tank is formed by means of an earthen dam across the Man river and has a storage capacity of over 2,600 million cubic feet. It is situated on the eastern border of the Satara District but irrigates lands in the Sholapur District. Though the capacity is considerable, the supply of water is not very reliable.

152. The area irrigated during the year was about 9,000 acres, the gross revenue over Rs. 59,000, and the probable net revenue about Rs. 36,000.



BHANDARDARA DAM.

Water Face of the Dam showing Sluice Pillars.



BHANDARDARA DAM.

View Across The Dam from Right Bank.

GODAVARI CANALS.

153. This is the first of the important irrigation works undertaken in the central Deccan for the protection of areas liable to famine, and was completed in 1915-16 at a cost of a little over one crore of rupees. The system comprises (*i*) a storage reservoir, called Lake Beale on the Darna river which is a tributary of the Godavari, (*ii*) a pick-up weir at Nandur Madhmeshwar on the latter river, and (*iii*) two canals, the Godavari Right and Left Bank Canals, taking off from the pick-up weir.

154. The Darna Dam, inclusive of the waste weir, is a little over a mile long and has a maximum height of 92 feet and a storage capacity of 7,763 million cubic feet.

155. The Godavari Right Bank Canal, which is the more important of the two canals, is 60 miles long and serves the northern tracts of the Ahmednagar District. The Left Bank Canal is 48 miles long and irrigates lands in the South of the Nasik District and North of the Ahmednagar District.

156. The development of irrigation on these canals is proceeding fully up to expectations. Sugarcane cultivation is steadily advancing, the total area of the latter crop irrigated during the year being about 7,500 acres, showing an increase of about 800 acres over the preceding year's figure. The *Gul* industry was new to the locality but the influx of expert growers from the Poona District, where sugarcane cultivation has long been practised on the Nira and Mutha Canals, has made the early establishment of the industry possible.

157. The area of all crops irrigated by this system was about 50,000 acres, yielding a gross revenue of about Rs. 6,19,000, or a probable net revenue of about Rs. 3,95,000, representing a return of about 3 per cent. on the capital cost. There was an increase in the area irrigated and in the revenue, compared with the average of the past three years, which is due partly to the extension of sugarcane cultivation and, partly to the increased demand for water during both the kharif and rabi seasons, owing to the unfavourable monsoon.

MUTHA CANALS AND MATOBA TANK.

158. This irrigation scheme completed in 1896-97 at a capital cost of about Rs. 65 lakhs consists of two canals, the Right and Left Bank Mutha Canals, of which the former is 70 miles and the latter 18 miles long. Both the canals take off direct from Lake Fife, a storage reservoir of nearly 4,000 million cubic feet capacity; the masonry dam which is about 3,400 feet long and 107 feet high, is on the Mutha river at Khadakvasla, about 10 miles south-west.

159. The Mutha Canals play a very important part in the welfare of Poona and the surrounding country; they furnish the Cantonment and the City with their supply of water and have, besides irrigating ordinary crops, greatly promoted the cultivation of fruits, vegetables, fodder and sugarcane within easy reach of a large city and an important military centre, there being about 1,700 acres under fruit and vegetables and about 1,400 acres under fodder crops. A small sugar factory is working at Phursangi.

160. This system irrigated about 26,400 acres during the year and earned a gross revenue of about Rs. 3,44,000 including the sale of water to the Cantonment and the City. The probable net revenue is about Rs. 2,28,000 giving a return of about 3½ per cent. on the capital invested, as compared with the average of 3 per cent. for the preceding three years. There was an increase of about 6,600 acres in the area irrigated and a consequent increase in the revenue compared with the average of the past three years, which is due, partly to the increased demand for water, during both the kharif and rabi seasons, owing to an unfavourable monsoon, and partly to the restoration to the full extent of the perennial area, which was reduced by 20 per cent. during the previous year.

161. On the Mutha Right Bank Canal the growth of aquatic weeds causes considerable trouble and it seriously affects the efficiency of the canal. A special study of weed prevention is being made and if the experiment proves successful the same method will be applied to other canals similarly affected.

162. The Matoba Tank is a tail tank receiving its main supply from the Mutha Right Bank Canal.

KADWA RIVER WORKS.

163. The Waghad Tank, with an earthen dam having a maximum height of 96 feet, is the main feature of this small scheme, and it supplies the Palkhed, Ojhar Tambat and Wadali Canals. The area irrigated during the year was about 8,000 acres, the gross revenue over Rs. 65,000, and the probable net revenue about Rs. 13,000.

Works under construction.

PRAVARA RIVER WORKS.

164. This system, which is still under construction comprises (*i*) a storage reservoir called Lake Arthur Hill on the Pravara river at Bhandardara, 29 miles by road from Igatpuri, (*ii*) a pick-up weir at Ojhar 50 miles down the river, and (*iii*) two canals named the Pravara Right and Left Bank Canals, 33 miles and 48 miles long respectively taking off from the weir.

165. The masonry dam will be 270 feet high and about 1,600 feet long. It was started in 1911 and has now reached a height of 260 feet. When completed the storage will amount to 10,831 millions cubic feet (to be increased to 12,894 million cubic feet when required) and will protect some of the lands most affected by famine in the Ahmednagar Collectorate. The culturable area under command is 1,32,976 acres, of which 57,000 acres are expected to be irrigated annually and 75,000 acres when the storage is increased.

166. The progress of the work was satisfactory. The work on the canals is practically completed and it is anticipated that the whole scheme will be completed in about 1924.

167. As work progresses irrigation is being extended. A large sugar factory owned by the Belapur Company has already started operations near Belapur Railway station. This concern will eventually bring about 2,000 acres under sugarcane every year out of about 6,000 acres which the Company have acquired. The area of all crops irrigated by these canals during the year was about 50,000 acres (of which about 1,700 acres were sugarcane) as against 35,000 acres in the previous year; the gross revenue was over 2,94,000, and the probable net revenue will be about Rs. 2,00,000.

168. The total estimated cost of the scheme is Rs. 151 lakhs inclusive of Establishment and Tools and Plant charges, etc., or Rs. 114 lakhs for works alone. The expenditure incurred during the year on "Works" was about Rs. 9 lakhs, bringing up the total up to date for "Works" to over 97½ lakhs of rupees.

169. The provision of a balancing tank of sufficient capacity at the head of the canal is a matter which is receiving careful attention as the existing basin at the Ojhar pick-up weir is too small to meet requirements and a larger storage is essential. The possibility of developing hydro-electric power, both at the foot of the dam at Bhandardara and at a point a little lower down the river, where a natural fall of about 200 feet exists, is also being kept in view in case there should be a demand.

GIRNA RIVER WORKS.

170. This is a comparatively small irrigation system in the Nasik Collectorate comprising a storage called the Chankapur Tank and the Girna Left Bank Canal about 19 miles long. The tank is situated on the Girna river, a tributary of the Tapti river, and is formed by a masonry dam 140 feet high. The total culturable area commanded by the canal is 25,300 acres.

171. The total irrigated during the year was over 7,600 acres and the gross assessed revenue was nearly Rs. 42,900 and the probable net revenue will be about Rs. 17,600.

LLOYD DAM AT BHATGHAR AND THE NIRA RIGHT BANK CANAL.

172. This irrigation work will, when completed, be the largest in the Deccan. Though the canal will depend for its supply upon a storage near Poona, and will pass through the northern tracts of the Satara Collectorate and the Phaltan State, it will mainly benefit the western portion of the Sholapur Collectorate, which is very liable to famine.

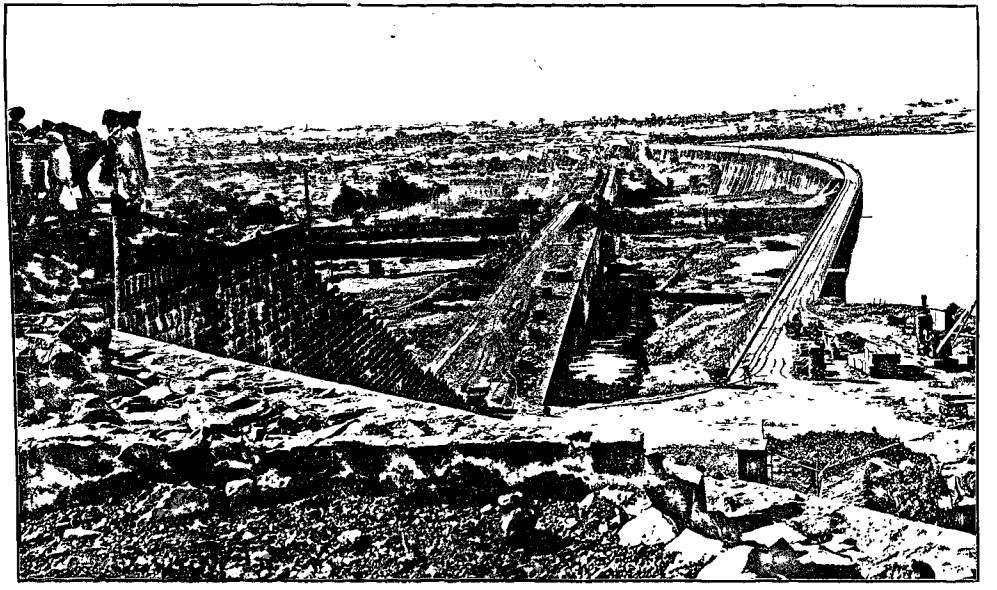
173. The project comprises the construction of a larger dam at Bhatghar, some thirty miles south of Poona. In October 1922 His Excellency Sir George Ambrose Lloyd, G.C.I.E., D.S.O., Governor of Bombay, visited Bhatghar and laid a stone to commemorate the naming of this dam after His Excellency. The Lloyd dam will replace the existing one, so as to increase the storage from 5,313 to 24,198 million cubic feet, and supply both the old Left Bank Canal and the new Right Bank Canal. Both canals take off from the head works at Vir on the Nira river, some 19 miles below Bhatghar. The Right Bank Canal will end near Mohod in the Sholapur Collectorate, the total length being about 110 miles, but it will supply water through distributaries up to Pandharpur.

174. The works were started in 1912 and though they passed through various vicissitudes consequent on the war, the improvement made in the progress of the construction in more recent times makes it possible to hope to commence irrigation in 1924 or 1925.

175. A volume of over 22½ lakhs of cubic feet of masonry was added to the dam, during the year, bringing the total done up to date to over 145½ lakhs and leaving a balance of 70 lakhs to be done. It is hoped to complete the dam in the year 1926, by which date the first 90 miles of the canal should also be approaching completion.

176. The total estimated cost of the scheme is Rs. 491 lakhs inclusive of all charges. The total expenditure incurred on works alone during the year amounted to a little over Rs. 26 lakhs, bringing the total outlay on work up to date to over Rs. 203 lakhs, against the estimated cost (of works alone) of Rs. 384 lakhs.

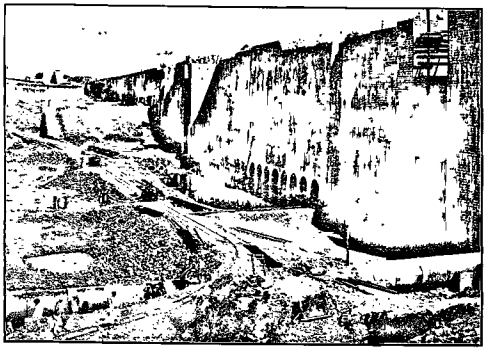
177. The storage at Bhatghar will provide sufficient head and discharge to produce electrical energy of over 3,000 Horse Power at the foot of the dam. Part of this energy is already developed and is being utilised for driving the machinery used for construction, such as mortar mills, stone crushers, workshop plant, etc., and for lighting and other purposes; the installation consists of 4 units of 256 Kilowatts each, the voltage being 2,000.



LLOYD DAM.

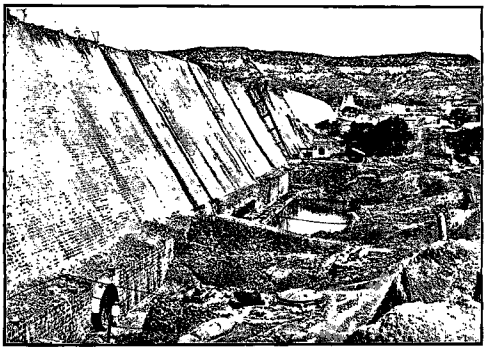
December, 1922.

View from the North End—The Old Dam and lake are seen on the right hand side and the Lloyd Dam on the left hand side.



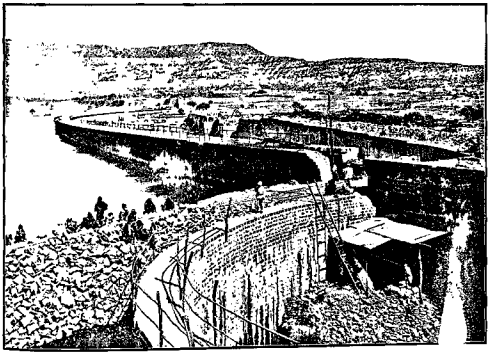
LLOYD DAM.

View of Upstream Face of the Dam, Looking North.



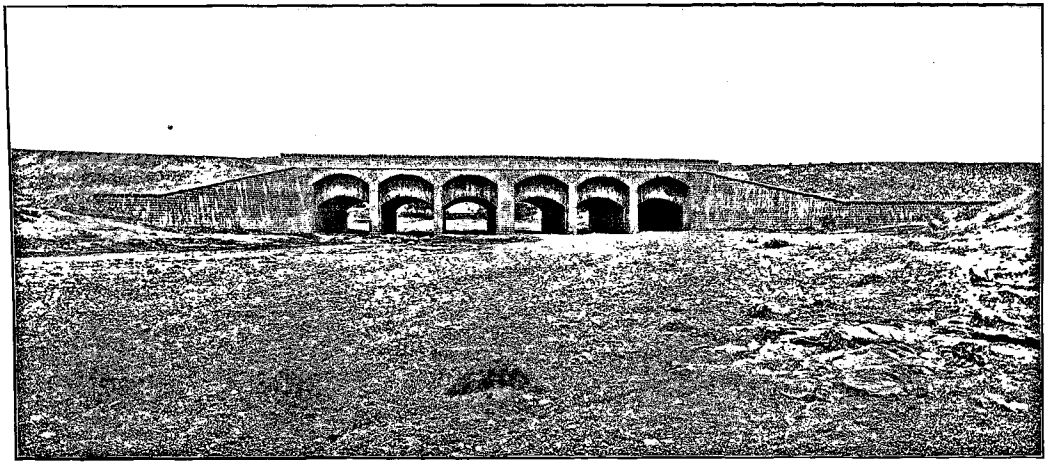
LLOYD DAM.

View of the Dam Downstream, Looking North.



LLOYD DAM.

View of the Intersection of the 2 Dams showing Masonry Arch to exclude water.



NIRA RIGHT BANK CANAL.

Down Stream View of Aqueduct No. 3.

NIRA VALLEY DEVELOPMENT PROJECT.

178. As the storage provided by the Lloyd Dam at Bhatghar will not suffice for the full development of irrigation on the two canals an amplified scheme for the Nira Valley Development which provides for widening and remodelling the Left Bank Canal and for building a new dam at Vir to supplement the supply from Bhatghar costing about Rs. 1,27·59 lakhs is under consideration of Government.

(ii) WORKS FOR WHICH CAPITAL ACCOUNTS ARE NOT KEPT.

179. These include numerous *bandharas* or weirs built across small streams to raise the level of the water sufficiently to enable it to command the lands to be irrigated. In all there are about 300 of these small works in the Nasik Collectorate alone, and there is also a large number in West Khandesh. The outlay on repairs and improvements amounted to about Rs. 35,000 during the year.

180. The supply of water from these bandharas was inadequate during the year and the agricultural results suffered thereby.

4.—SOUTHERN DIVISION.

(i) WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT.

GOKAK CANAL.

181. The most important of the irrigation works in the Southern Division is the Gokak Canal. This system consists of a masonry weir across the Ghataprabha river at Dhupdal in the Belgaum District and a short length of canal taking off from the reservoir formed by the weir.

182. The water level of the Dhupdal storage reservoir, on 1st April 1922, was 17·82 feet, but it dropped to 6·25 feet on the 18th May 1922. The tank began to fill from 16th June and overflowed on the 27th June 1922. The highest flood occurred on 23rd July 1922 when the water reached 3·19 feet above the permanent crest of the weir (R.L. 2,008·06), and it is estimated at 71,172 cusecs, which is equal to a run off 0·10 inch per hour for the whole catchment area of 1,983 square miles.

183. At a cost of Rs. 1,710 the weir crest, 2,985 feet in length, was temporarily raised by 2 feet as usual, and the additional storage of 256 million cubic feet of water thereby obtained was useful for the irrigation of rabi crops and for meeting the demand of the Cotton Mills at Gokak.

184. The Mills and the M. & S. M. Railway Company were supplied with water according to agreements. The amount received from the Mills amounted to Rs. 14,313 and the sum recovered from the Railway was Rs. 364-8-0 at the rate of one anna for each engine watered and two annas a day for water supplied to the passengers. Owing to the shortage of water in the reservoir the Mills had to run on half supply for one month from 17th May to 18th June 1922.

185. Owing to the timely and well distributed rain there was not much demand for canal water resulting in a decrease of irrigation. The area irrigated and the assessment during the year was 8,711 acres and Rs. 42,590, respectively, against 10,359 acres and Rs. 47,780 of the previous year and 10,653 acres and Rs. 48,481, the average of the past three years.

DHARMA CANAL.

186. The monsoon of the year was favourable and gave a steady supply of water to the Dharma Canal and the tanks depending on it. The canal was open from 30th June to 1st December 1922. The area irrigated, *viz.*, 5,608 acres, was almost the same as, and the revenue assessed, *viz.*, Rs. 28,209, was a little over, the corresponding figure of the previous year.

187. The remaining works are a few small tanks irrigating from 50 to 600 acres and are situated chiefly in the Dharwar Irrigation District. The area irrigated on these works was about 2,500 acres.

TOTAL AREA IRRIGATED AND ASSESSMENT.

188. The total area irrigated on all the works was 16,820 acres and the gross assessed revenue Rs. 77,205, the average of the previous triennium being 18,209 acres and Rs. 80,648 respectively.

(ii) WORKS FOR WHICH CAPITAL ACCOUNTS ARE NOT KEPT.

189. Most of the irrigation works for which only Revenue accounts are kept are in the Dharwar District. They chiefly supplement rainfall, when it holds off, and irrigate rice. During the year 59 tanks were repaired at a total cost of Rs. 50,866, the average expenditure on such repairs during the previous triennium being Rs. 48,015

190. The total area irrigated by these small tanks was nearly 99,000 acres and the irrigation share of the consolidated assessment amounted to nearly Rs. 2,66,400.

5.—SCIENTIFIC WORKS:

A—Engineering questions that have arisen.

191. Observations to ascertain losses by evaporation and absorption were made by means of iron tanks in certain tanks and reservoirs and the results are published in the "Annual Report of supplies of water available for irrigation works, etc., for the year 1922".

B—Special Irrigation District.

192. This charge deals with scientific investigations in connection with various problems related to irrigation from the Deccan Canals. The investigations are conducted in laboratories and on canals, experimental farms and private fields. The main problem has been to reclaim lands rendered unfit for cultivation due to water-logging and salt efflorescence, and to prevent the occurrence of these evils, especially in areas where sugarcane is grown. It has now been proved that the worst affected lands can be completely regenerated at a comparatively small cost by means of a system of permanent drains, combined, in the first few years, with the restoration of the physical texture of the soil with the aid of surface washing or leaching of the salts, suitable initial plantations, green manuring, admixture of coarse vegetable matter, etc.

193. The preventive measures against deterioration of land are based on lessons learnt from reclamation work. As the nature of the sub-soil decides whether any artificial drainage is required or not and how it is to be carried out, extensive sub-soil surveys are in progress.

194. The field of operations, which also include observations of levels of water in wells, covers the areas irrigated by the principal canals as well as those that are likely to be irrigated shortly. Several reclamation schemes have already been prepared and a few carried out. An important departure recently introduced is the execution of such schemes on co-operative lines, *i.e.*, the owners of the lands joining to finance the scheme and Government arranging for the necessary investigation and execution. The idea of utilizing the drainage water for irrigation purposes, as far as its salt contents will permit, is also being considered.

195. Another interesting investigation being conducted by the Special Irrigation District is with regard to the value of sewage effluent as a manure for various crops. For this purpose the effluent from the Poona City sewerage is conveyed through pipes to a farm where it is diluted with canal water and distributed both to experimental fields and to private lands. It is satisfactory to be able to record that the effluent has proved a very valuable form of manure, and one which the people greatly appreciate. It is observed that no deterioration in the physical condition of the soil is caused and that the outturn from crops is in no way inferior to that obtained by other methods of manuring. The effluent farm has an area of 64 acres, including about 40 acres of cane, under effluent treatment. Some 300 acres of private lands are being supplied with effluent.

196. The effluent farm possesses a turbine of 6 Horse Power installed on a fall of 10 feet occurring in an irrigational channel. With the aid of this, power all the cane grown on the farm is crushed. The experience gained at the farm is being made use of in providing such small falls wherever possible on the Nira Right Bank Canal System with a view to the utilization thereof for driving agricultural machinery.

197. Several other matters connected with irrigation also receive attention at the farm, such as duties of various crops, experiments with water-measuring devices, etc., and it is worthy of note that an up-to-date Hydraulic Testing Station has been installed where meters, modules, etc., used on irrigation channels are tested.

198. Besides experimental work, the farm also serves as a demonstration ground to the neighbouring cultivators, who are gradually adopting farm practice as regards the dose of manure, etc. Various garden crops were also grown successfully under effluent. The experiments have proved that effluent is an exceedingly valuable manure.

C—River Gauging.

199. Wherever there is any possibility of developing irrigation, arrangements have been made to gauge the rivers and record the rainfall in the catchment areas. Experiments to ascertain the quantity of silt contained in the waters of some of the rivers were also made during the year. The results of all these observations and experiments are published in the "Annual Report of supplies of water available for irrigation works, etc., for 1922".

ADMINISTRATIVE ACCOUNTS

PUBLIC WORKS DEPARTMENT

(IRRIGATION)

BOMBAY PRESIDENCY

FOR THE YEAR

1922-23

TABLE OF CONTENTS.

	Name of Work.	No. 1 General Abstract of Financial Results.	No. 2 Capital Account.	No. 3 Revenue Account.	No. 4 Interest Account.	No. 5 Account of Indirect charges.	No. 6 Statement comparing charges to date with sanctioned estimate.
		Pages.	Pages.	Pages.	Pages.	Pages.	Pages.
	PRODUCTIVE. *Sind.*						
	Review ...	3(a)					
1	Desert Canal	... 4 & 5	10	11	12	12	13
2	Unharwah	... 4 & 5	14	15	16	16	17
3	Begári Canal ...	... 4 & 5	18	19	20	20	20
4	Eastern Nára Canal ...	... 4 & 5	21	22	23	23	23
5	Jámrao Canal	... 4 & 5	24 & 25	26	27	27	27
6	Sukkur do.	... 4 & 5	28 & 29	30 & 31	31	32	32
7	Ghár do.	... 4 & 5	33	34 & 35	35	36	36
8	Alibhar Kacheri Canal ...	... 4 & 5	...	37	38	38	...
9	Márak Great do. ...	... 4 & 5	39	40	41	41	42
10	Sarfrázwah	... 4 & 5	...	43	44	44	...
11	Fuleli Canal	... 4 & 5	45	46 & 47	48	48	48
12	Hasanali Canal	... 4 & 5	...	49	50	50	...
13	Naulakhi Canal	... 4 & 5	...	51 & 52	53	53	54
14	Kalri Canal	... 4 & 5	55	56	57	57	58
15	Pinyari Canal	... 4 & 5	59	60	61	61	62
16	Indus Canals Right Bank ...	... 4 & 5	63	64	65	65	66
17	Indus Canals Left Bank ...	... 4 & 5	67	68	69	69	69
18	Sind Canals	... 4 & 5	70	71	72	72	73
19	Rajib, Chiti and Garang ...	... 4 & 5	74	75	76	76	77
20	Canals in Rohri	... 4 & 5	78	79	80	80	81
21	Chiti Canal	... 4 & 5	82	...	83	83	83
22	Sukkur Barrage	... 4 & 5	84	...	84	85	85
23	Garkino Canal	... 4 & 5	86	...	87	87	87
24	Arore Canal	... 4 & 5	88	...	89	89	89
	Deccan and Gujarat.						
25	Gadikeri Tank ...	... 4 & 5	...	90	91	91	...
26	Mavinkop Tank ...	... 4 & 5	...	92	93	93	...
27	Shahada Channel ...	... 4 & 5	94	95	96	96	96
	UNPRODUCTIVE. *Sind.*						
28	Mahiwah	... 4 & 5	97	98	99	99	99
29	Dád Canal	... 4 & 5	100	101	102	102	102
30	Nasrat do.	... 4 & 5	103	104	105	105	105
31	Suttah do.	... 4 & 5	...	106	107	107	...
32	Baghar Canal	... 4 & 5	108	109	110	110	111
33	Seharwah Canal	... 4 & 5	112	...	113	113	113
	Deccan and Gujarat.						
34	Háthmati and Khári Cut Canals...	... 6 & 7	114 & 115	116	117	117	118
35	Wangroli Tank	... 6 & 7	119 & 120	121	122	122	123
36	Tránza Nagrama Tank ...	... 6 & 7	...	124	125	125	...
37	Sávli Tank	... 6 & 7	...	126	127	127	...
38	Sahiat do.	... 6 & 7	...	128	129	129	...
39	Futelao do.	... 6 & 7	...	130	131	131	...
40	Lower Pánjhra River Works ...	... 6 & 7	...	132	133	133	...
41	Hartála Tank	... 6 & 7	...	134	135	135	...
42	Mhasva do.	... 6 & 7	...	136	137	137	...
43	Jámda Canal	... 6 & 7	138	139	140	140	141
44	Bhátodi Tank	... 6 & 7	...	142	143	143	...
45	Ekrúk do.	... 6 & 7	...	144	145	145	...
46	Koregaon do.	... 6 & 7	...	146	147	147	...
47	Ashti do.	... 6 & 7	148	149	150	150	151
48	Pathri do.	... 6 & 7	...	152	153	153	...
49	Krishna Canal	... 6 & 7	154	155 & 156	156	156 & 157	157

	Name of Work.	No. 1 General Abstract of Financial Results.	No. 2. Capital Account.	No. 3 Revenue Account.	No. 4 Interest Account	No. 5 Account of Indirect charges.	No. 6 Statement comprising charges to date with sanctioned estimate.
	UNPRODUCTIVE—concld.	Pages.	Pages.	Pages.	Pages.	Pages.	Pages.
	Deccan and Gujarat—concld.						
50	Mhasvad Tank	6 & 7	...	158 & 159	159	159	...
51	Revari Canal	6 & 7	...	160	161	161	...
52	Upper Man River Works	6 & 7	...	162	163	163	...
53	Yerla River Irrigation Works	6 & 7	164 & 165	166	167	167	167
54	Chikhli Canal	6 & 7	...	168	169	169	...
55	Maini Tank	6 & 7	...	170	171	171	...
56	Muchkundi Tank	6 & 7	...	172	173	173	...
57	Gokák Canal—First Section and Storage Works	6 & 7	...	174	175	175	...
58	Dambal Tank	6 & 7	...	176	177	177	...
59	Medleri do.	6 & 7	...	178	179	179	...
60	Madag do.	6 & 7	...	180	181	181	...
61	Asundi do.	8 & 9	...	182	183	183	...
62	Dharma Canal	8 & 9	184	185	186	186	186
63	Kádva River Works	8 & 9	...	187 & 188	188	188	...
64	Chankápur Tank	8 & 9	189 & 190	191	192	192	192
65	Pravara River Works—Lákh Canal ...	8 & 9	...	193 & 194	194	194	...
66	Godávari Canal	8 & 9	195	196	197	197	197
67	Pravara River Canal	8 & 9	198 & 199	200	201	201	202
68	Parsul Tank	8 & 9	...	203	204	204	...
69	Pravara Left Bank Canal	8 & 9	...	205	206	206	...
70	Mutha Canals, including Mátoba Tank ...	8 & 9	207 & 208	209 & 210	210	211	211
71	Nira Canal and Shetphal Tank	8 & 9	212 & 213	214 & 215	216	216	217
72	Kásurdi Tank	8 & 9	...	218	219	219	...
73	Shirsuphal do.	8 & 9	...	220	221	221	...
74	Bhádalvádi do.	8 & 9	...	222	223	223	...
75	Máládevi do.	8 & 9	...	...	224	224	224
76	Budhihal do.	8 & 9	225	...	226	226	226
77	Nira Right Bank Canal	8 & 9	227 & 228	...	229	229	229
78	Revision of the Gokák Canal Extension Project.	8 & 9	230	...	230	231	231
79	Victoria Tank	8 & 9	232	...	233	232	233
80	Suki River	8 & 9	...	...	234	234	234
81	Gokák Canal—Second Section	8 & 9	...	...	...	...	...
82	Works for which only Revenue Accounts are kept—Sind	8 & 9	...	235	...	236	...

Review of the Administrative Accounts of the Bombay Presidency Irrigation Branch for the year 1922-23 as required by Article 328 of the Account Code (1st Edition).

1. Cases in which a change of classification of Projects from Productive to Unproductive or *vice versa* is necessary.

The percentage of return on sum at charge for the last three years in the case of the following three Canals is as given below :—

	1920-21.	1921-22.	1922-23.
Eastern Nara Canal ...	...	...	2·25
Jamrao Canal ...	...	2·03	3·55
Mavinkop Tank	...	...	3·31

Although the percentage of return for the Eastern Nara Canal during the years 1918-19, 1919-20 and 1920-21 was below 4 per cent., the project was classified as Productive in the statement appended to G.R. (P.W.D.) No. 509, dated 16th September 1922 in view of figures for previous six years, *i. e.*, 1912-13 to 1917-18.

In view of the fall in the percentage of return in the case of Jamrao Canal and Mavinkop Tank for the last three years, it is for Government to change their classification from "Productive" to "Unproductive".

The percentage of return for the last three years in the case of Nira Canal and Shetphal Tank is as under :—

1920-21.	1921-22.	1922-23.
8·75	7·16	7·13

In view of the percentage increase it is for Government to change its classification from 'Unproductive' to 'Productive'.

2. Cases in which an abnormal increase under 'Working Expenses' is not accompanied by an adequate increase in the Receipts or (3) cases in which Receipts show a marked decline and there is no known reason for this.

There is no case under these classes during the year under report.

J. STUART MILNE,
Accountant General.

No. I.—*General Abstract of Financial Results of Irrigation, Navigation, Embankment and*

Name of Projects.	Cost of Construction as now Estimated.			Capital Outlay.						Gross
				During the year.			To end of year.			
	Direct Charges.	Indirect Charges.	Total.	Direct Charges.	Indirect Charges.	Total.	Direct Charges.	Indirect Charges.	Total.	Direct Receipts.
1	2	3	4	5	6	7	8	9	10	11
PRODUCTIVE.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs
A.—IRRIGATION WORKS.										
SIND.										
Works in Operation.										
Desert Canal	26,56,858	80,066	27,36,924	1,320	39	1,359	26,56,621	80,054	27,36,675	1,16,287
Unhaiwah	7,70,854	20,862	7,91,716	2,804	82	2,886	7,70,854	20,862	7,91,716	1,994
Begári Canal	33,36,873	78,919	34,15,792	−1,220	−26	−1,246	33,36,873	78,919	34,15,792	38,793
Eastern Nara Canal...	89,08,764	3,21,827	92,30,591	6,08,608	23,313	6,31,921	78,48,365	2,75,940	81,24,305	15,142
Jámrao Canal	89,06,129	2,71,034	91,77,173	4,69,068	14,922	4,83,990	92,97,036	2,83,470	95,80,506	28,196
Sukkur Canal	14,22,965	63,048	14,86,013	42,255	1,245	43,498	14,18,305	63,006	14,81,311	4,829
Ghar Canal	6,43,006	34,730	6,77,736	28,177	830	29,007	6,32,366	34,353	6,66,722	17,134
Aibhar Kacheri Canal ...	1,03,420	3,739	1,07,159	...	...	...	1,03,420	3,739	1,07,159	1,520
Great Marak Canal	4,39,070	16,613	4,55,683	8,916	386	9,302	4,27,672	15,897	4,43,569	7,258
Sarfrazwah	1,18,559	6,121	1,24,680	...	...	...	1,18,559	6,121	1,24,680	4,381
Pulili Canal	57,29,736	1,00,653	58,33,449	2,61,444	11,698	2,63,142	25,50,269	97,274	26,47,543	66,723
Hasanali Canal	2,89,923	14,576	3,04,503	...	...	...	2,89,923	14,576	3,04,503	432
Naulákhi Canal	12,17,935	44,619	12,62,554	...	...	...	5,112	33	5,145	677
Kalri Canal	71,853	1,324	73,249	898	26	924	71,218	1,370	72,788	675
Pinyari Canal	6,20,207	16,968	6,36,676	13,348	394	13,742	6,03,488	15,781	6,19,284	4,756
Indus Canals Right Bank ...	86,227	1,733	88,760	...	...	...	86,227	1,833	88,760	341
Indus Canals Left Bank ...	2,52,978	5,960	2,58,938	...	...	...	2,52,978	5,960	2,58,938	1,214
Sind Canals	8,18,182	10,217	8,28,399	...	...	...	8,18,182	10,217	8,28,399	4,655
Rajib Chiti and Garang ...	2,59,516	3,670	2,63,186	...	...	...	2,59,516	3,670	2,63,186	863
Canals in Kohri	1,66,383	2,684	1,69,067	...	...	...	1,66,383	2,684	1,69,067	4,016
Works under Construction.										
Chiti Canal	5,934	200	6,134	5,742	170	5,912	5,742	170	5,912	...
Sukkur Barrage ...	11,04,499	...	11,04,499	4,14,410	25,033	4,39,443	7,94,507	47,781	8,42,288	...
Garkino Canal	91,745	2,991	94,736	22,886	674	23,560	22,886	674	23,560	...
Arore Canal	13,882	455	14,337	13,454	396	13,850	13,454	396	13,850	...
Total Sind ...	3,41,99,386	11,02,279	3,53,01,666	18,82,108	78,872	19,60,980	3,16,00,670	10,65,080	3,26,65,750	3,15,138
DECCAN AND GUJARÁT.										
Gadikeri Tank	16,363	555	16,918	...	...	...	16,363	555	16,918	...
Mavinkop Tank	30,185	3,319	33,504	...	...	...	30,185	3,319	33,504	...
Shahade Channel	62,031	4,503	66,534	...	...	...	62,031	4,503	66,534	3,855
Total, Deccan and Gujarát...	1,08,579	8,377	1,16,956	...	...	...	1,08,579	8,377	1,16,956	3,855
Total Productive Works ...	3,43,07,965	11,10,756	3,54,18,621	18,82,108	78,872	19,60,980	3,17,09,249	10,73,457	3,27,82,706	3,18,493
UNPRODUCTIVE.										
SIND.										
Works in Operation.										
Mahiwah	13,95,263	59,261	14,54,524	8,816	252	9,068	13,89,708	59,044	14,48,752	4,357
Dad Canal	25,92,973	99,122	26,92,095	20,015	866	20,881	25,85,578	94,602	26,80,180	1,656
Nasrat Canal	18,05,116	59,208	18,64,324	2,803	122	2,925	18,05,947	59,205	18,65,053	125
Sutiah Canal	1,74,028	6,051	1,80,079	...	...	...	1,74,028	6,051	1,80,079	−8
Baghar Canal	2,30,870	5,034	2,35,904	...	...	...	2,30,870	5,034	2,35,904	4,839
Works under Construction.										
Saharwah Canal	8,57,487	22,038	8,79,525	−636	− 18	−654	28,395	537	28,932	...
Total, Sind ...	70,53,737	2,49,714	73,03,451	30,998	1,222	32,220	69,15,426	2,23,474	64,38,900	10,079
Carried over ...	70,53,7 7	2,49,714	73,03,451	30,998	1,222	32,220	69,15,426	2,23,474	64,38,900	10,079
	3,43,07,865	11,10,756	3,54,18,621	18,82,108	78,872	19,60,980	3,17,09,249	10,73,457	3,27,82,706	3,18,493

Note(3).—Direct charges under Working Expenses include share of collection charges in the Civi Department calculated

Bombay, 2n d February 1924.

DEPARTMENT.

FOR THE YEAR 1922-1923.

Drainage Works for which separate Revenue Accounts are kept.

Receipts during the Year.		Working Expenses during the Year.			Net Result (excluding Interest) for the Year.				Simple Interest for the year at * per cent. during the year.	Net Results (including Interest) for the Year.			
							Rate per cent.					Rate per cent.	
Portion of Land Revenue due to works.	Total.	Direct Charges.	Indirect Charges.	Total	Net receipts (or excess Revenue).	Net payments (or deficit).	Of Net Receipts	Of Net Payments.		Excess revenue (or profit).	Deficit (or loss).	Of excess revenue.	Of deficit.
12	13	14	15	16	17	18	19	20	21	22	23	24	25
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
4,56,162	5,73,399	2,02,657	7,709	2,10,366	3,62,033	...	12·23	...	38,641	2,73,392	...	9·99	...
2,62,444	2,54,438	82,338	2,960	85,298	1,69,140	...	21·36	...	25,616	1,43,524	...	18·13	...
7,71,015	8,09,836	3,91,205	15,469	4,06,674	4,03,134	...	12·35	...	79,714	3,23,420	...	19·12	...
5,27,783	5,42,925	3,40,781	13,970	3,59,701	1,83,224	...	2·35	...	3,67,323	...	84,099	...	1·03
9,00,720	9,23,915	5,46,375	35,689	5,84,064	3,39,851	...	3·65	...	3,11,649	28,205	...	0·29	...
2,24,128	2,28,957	1,27,455	5,075	1,32,530	96,427	...	6·51	...	47,168	49,259	...	3·33	...
9,05,089	9,22,178	3,31,285	12,854	3,44,139	5,77,974	...	8·769	...	22,064	5,55,910	...	39·38	...
10,894	13,414	4,519	457	4,976	7,488	...	6·94	...	5,166	2,270	...	2·12	...
138,559	1,45,617	74,515	4,678	79,193	66,624	...	15·02	...	18,732	47,902	...	10·80	...
6,38,469	43,820	24,973	1,570	26,543	16,307	...	13·08	...	3,942	12,365	...	9·92	...
1,76,537	7,41,260	3,04,362	19,939	3,24,365	4,16,905	...	15·75	...	91,396	3,25,509	...	12·29	...
39,994	40,425	41,478	2,552	44,030	...	3,604	...	1·18	9,641	...	13,245	...	4·34
48,357	1,49,234	53,916	2,840	56,756	92,448	...	179·685	...	170	92,278	...	...	...
4,830	45,005	48,156	1,743	49,499	...	4,494	...	6·19	2,488	...	6,982	...	9·62
2,69,072	2,78,923	1,59,018	4,230	1,63,248	1,10,590	...	17·66	...	24,257	86,333	...	14·31	...
69,718	70,659	29,962	763	30,725	39,334	...	44·31	...	3,855	35,479	...	39·97	...
1,09,481	1,10,695	66,571	1,477	68,048	42,647	...	20·33	...	9,364	43,283	...	16·71	...
3,21,268	3,26,018	1,00,672	2,408	1,03,009	2,23,009	...	26·92	...	29,383	1,93,626	...	23·27	...
1,04,068	1,05,031	26,936	613	27,549	77,482	...	21·14	...	8,819	68,663	...	18·05	...
1,69,503	1,75,619	1,05,268	2,259	1,09,791	65,728	...	37·69	...	6,593	57,135	...	33·79	...
...	...	...	...	...	...	...	...	...	157	...	157	...	2·65
...	...	...	...	...	...	...	...	...	32,190	...	32,150	...	3·33
...	...	...	...	...	...	...	...	...	637	...	637	...	2·66
...	...	...	...	...	...	...	...	...	869	...	869	...	2·66
61,75,636	64,90,774	30,55,565	1,44,009	32,00,574	32,90,200	...	10·07	...	10,87,006	22,03,194	...	6·74	...
2,355	2,355	1,725	141	1,866	489	...	2·89	...	544	...	55	...	0·32
2,023	3,022	725	50	775	1,247	...	3·72	...	1,004	243	...	0·73	...
5,661	8,916	1,881	113	1,994	6,922	...	10·40	...	2,088	4,836	...	7·27	...
9,938	13,293	4,331	304	4,635	8,658	...	7·40	...	3,634	5,024	...	4·29	...
61,85,574	65,04,067	30,60,896	1,44,313	32,05,209	32,98,858	...	10·06	...	10,90,640	22,08,218	...	6·73	...
55,876	59,843	72,194	2,017	74,141	...	14,298	...	0·99	46,166	...	60,454	...	4·17
2,55,631	2,56,657	1,29,815	5,122	1,34,937	1,21,660	...	4·54	...	85,620	36,030	...	1·34	...
1,71 581	1,71,706	1,15,667	4,048	1,20,315	51,391	...	2·75	...	69,904	...	8,513	...	0·45
21,294	21,286	10,851	723	11,059	10,727	...	5·68	...	5,787	4,440	...	2·41	...
74,491	75,030	48,622	1,902	50,524	23,106	...	12·34	...	7,810	31,296	...	9·02	...
...	...	...	...	...	...	...	...	...	1,573	...	1,573	...	5·47
5,78,373	5,88,452	3,77,059	13,317	3,90,376	1,98,076	...	8·05	...	2,06,850	...	8,774	...	0·14
5,78,373	5,88,452	3,77,059	13,317	3,90,376	1,98,076	...	...	...	2,06,850	...	8,774	...	...
61,85,574	65,04,067	30,60,896	1,44,313	32,05,209	32,98,858	...	...	...	10,90,640	22,08,218	...	...	...

as certain percentages are paid by Government, but which are not adjusted in the Finance Accounts

(a) High percentage is due to capital outlay on old works not brought forward as the sanction to reclassification of the Canal under the head "63" has not yet been received.

* At 3·3292 per cent. on direct capital expenditure to end of 1916-1917 and at 5·48 per cent. on subsequent expenditure.

IRRIGATION BRANCH.

PUBLIC WORKS

ADMINISTRATIVE ACCOUNTS

No. 1.—General Abstract of Financial Results of Irrigation, Navigation, Embankment

Name of Projects.	Cost of Construction as now Estimated.			Capital Outlay.						Gross Receipts.
				During the year.			To end of year.			
	Direct Charges.	Indirect Charges.	Total.	Direct Charges.	Indirect Charges.	Total.	Direct Charges.	Indirect Charges.	Total.	Direct Receipts.
1	2	3	4	5	6	7	8	9	10	11
Brought forward ...	Rs. 3,49,07,865	Rs. 11,10,756	Rs. 3,54,18,621	Rs. 18,82,108	Rs. 78,372	Rs. 19,60,980	Rs. 3,17,09,249	Rs. 10,73,457	Rs. 3,27,82,706	Rs. 3,18,493
	70,58,737	2,49,714	73,08,451	30,998	1,222	32,220	62,15,426	2,23,424	64,38,900	10,079
UNPRODUCTIVE.										
A.—IRRIGATION WORKS.										
Deccan and Gujarát.										
Works in operation.										
Háshamti and Kharicut Canal	12,43,648	75,081	13,18,729	1,895	66	1,961	12,43,648	75,081	13,18,729	40,512
Wangroli Tank	2,42,512	50,783	2,93,295	2,265	80	2,366	2,42,512	50,783	2,93,295	7,164
Transa-Nagarana Tank ...	2,38,032	42,603	2,80,635	...	...	...	2,38,032	42,603	2,80,635	1,205
Savli do.	2,34,179	21,031	2,55,210	...	...	...	2,34,179	21,031	2,55,210	11,520
Sahiat do.	1,58,462	25,577	1,84,029	...	...	...	1,58,462	25,577	1,84,029	2,083
Futelao do.	1,07,356	9,105	1,16,461	...	...	...	1,07,356	9,105	1,16,461	327
Lower Panjhra River Works .	4,45,332	23,239	4,68,621	...	...	...	4,45,332	23,239	4,68,621	18,537
Hartala Tank	47,948	25,434	73,382	...	...	...	47,948	25,434	73,382	754
Mhasva Tank	1,28,781	10,175	1,38,956	...	...	...	1,28,781	10,175	1,38,956	2,576
Jamda Canal	3,91,178	49,911	10,41,089	2,958	90	3,048	9,94,136	50,001	10,44,137	16,881
Bhatodi Tank	3,52,685	27,022	3,79,707	...	...	...	3,52,685	27,022	3,79,707	18,833
Ekrdk Tank	12,28,117	1,12,269	13,40,386	...	...	...	12,28,117	1,12,269	13,40,386	1,69,042
Koregaon Tank	37,923	1,266	39,189	...	...	...	37,923	1,266	39,189	1,227
Ashti Tank	7,62,463	79,217	8,41,680	2,692	82	2,774	7,59,742	79,123	8,38,865	28,954
Pathri Tank	6,27,825	15,021	6,42,846	...	...	...	6,27,825	15,021	6,42,846	10,212
Krishna Canal	8,95,302	51,507	9,46,769	...	...	...	8,92,977	51,482	9,44,459	66,004
Mhaswad Canal	20,05,553	90,463	20,96,016	...	...	...	20,05,553	90,463	20,96,016	57,478
Revari Canal	56,771	3,040	59,811	...	...	...	56,771	3,040	59,811	2,516
Upper Man River Works ...	4,15,835	23,451	4,39,286	...	...	...	4,15,835	23,451	4,39,286	5,637
Yerla River Irrigation Works.	7,27,556	45,671	7,73,127	8,014	243	8,257	7,27,556	45,671	7,73,127	20,976
Chikhli Canal	53,803	3,639	57,442	...	...	...	53,803	3,639	57,442	1,410
Maini Tank	4,62,125	25,525	4,87,650	...	...	...	4,62,125	25,525	4,87,650	10,078
Muchkundi Tank	1,40,217	18,490	1,58,707	...	...	...	1,40,217	18,490	1,58,707	147
Gokak Canal, First Section and Storage Works ...	13,01,750	80,172	13,81,922	...	...	...	13,01,750	80,172	13,81,922	76,602
Dambal Tank	60,847	3,133	63,980	...	...	...	60,847	3,133	63,980	1,461
Medleri Tank	78,354	3,038	81,392	...	...	...	78,354	3,038	81,392	271
Mading Tank	1,61,248	6,350	1,67,598	...	...	...	1,61,248	6,350	1,67,598	8,177
Carried over ...	1,32,05,802	9,32,118	1,41,27,916	−17,844	561	16,405	1,32,09,784	9,32,084	1,41,25,838	5,08,104
	70,58,787	2,49,714	73,08,451	30,998	1,222	32,220	62,15,426	2,23,474	64,38,900	10,079
	3,43,07,865	11,10,756	3,54,18,621	18,82,108	78,372	19,60,980	3,17,09,249	10,73,457	3,27,82,706	3,18,493

Note.—Direct Charges under Working Expenses include share of collection charges in the Civil Department

DEPARTMENT.

FOR THE YEAR 1922-23.

and Drainage Works for which separate Revenue Accounts are kept.

Receipts during year.		Working Expenses during the year.			Net Results (excluding interest) for the year.				Simple Interest for the year at per cent. during the year.	Net Results (including interest) for the year.			
							Rate per cent.					Rate per cent.	
Portion of Land Revenue due to works.	Total.	Direct Charges.	Indirect Charges.	Total.	Net receipts (or Excess revenue).	Net payment (or deficit).	Of Net Receipts.	Of Net Payments.		Excess revenue (or profit).	Deficit (or loss).	Of excess revenue.	Of deficit.
12	13	14	15	16	17	18	19	20	21	22	23	24	25
Rs. 61,85,574	Rs. 65,04,067	Rs. 30,60,896	Rs. 1,44,313	Rs. 32,05,209	Rs. 32,98,358	Rs. ...	Rs. ...	Rs. ...	Rs. 10,90,640	Rs. 22,08,218	Rs. ...	Rs. ...	Rs. ...
5,73,373	5,88,452	3,77,059	13,317	3,90,376	1,98,076	...	...	...	2,06,850	...	8,774	...	...
...	40,112	32,437	1,072	33,509	6,603	...	0·50	...	41,359	...	34,756	...	2·63
7,102	14,256	8,735	268	9,003	5,253	...	1·79	...	8,078	...	2,825	...	0·96
...	1,205	2,883	98	2,981	...	1,726	...	0·62	7,915	...	9,641	...	3·43
...	11,520	6,320	202	6,522	4,998	...	1·26	...	7,787	...	2,789	...	1·09
3,066	5,749	6,737	219	6,956	...	1,207	...	0·65	5,269	...	6,476	...	3·51
...	327	1,774	62	1,836	...	1,509	...	1·80	3,570	...	5,079	...	4·36
2,947	28,484	4,878	238	5,116	23,368	...	4·99	...	14,810	8,558	...	1·82	...
...	754	959	54	1,013	...	259	...	0·35	1,594	...	1,853	...	2·52
...	2,676	2,139	117	2,256	280	...	0·23	...	4,282	...	3,962	...	2·85
...	16,381	6,031	323	6,354	10,027	...	0·95	...	33,040	...	23,013	...	2·20
5,361	18,194	4,797	188	4,985	13,209	...	3·48	...	11,727	1,482	...	0·39	...
...	1,69,042	18,714	535	19,249	1,49,793	...	11·18	...	40,837	1,08,956	...	8·12	...
...	1,527	1,453	69	1,522	...	295	...	0·75	1,961	...	1,556	...	3·97
...	23,954	8,737	382	9,119	19,835	...	2·36	...	25,248	...	5,413	...	0·64
...	10,212	6,662	307	6,969	3,243	...	0·60	...	20,876	...	17,633	...	2·74
...	66,004	21,419	810	22,229	43,775	...	4·63	...	29,694	14,081	...	1·4	...
...	57,478	19,331	1,331	20,662	36,816	...	1·75	...	56,688	...	22,872	...	1·42
...	2,516	3,708	175	3,883	...	1,367	...	2·23	1,883	...	3,255	...	5·44
...	5,637	4,524	208	4,732	905	...	0·21	...	13,827	...	12,922	...	2·94
...	20,076	13,159	594	13,753	7,323	...	0·93	...	21,146	...	13,823	...	2·30
...	1,480	2,382	113	2,495	...	1,015	...	1·77	1,789	...	2,804	...	4·88
...	10,078	6,427	290	6,717	3,361	...	0·6	...	15,367	...	12,006	...	2·46
...	107	1,472	97	1,569	...	1,462	...	0·92	4,665	...	5,125	...	3·36
...	76,002	13,054	703	13,757	62,245	...	4·50	...	43,286	18,959	...	1·37	...
916	2,877	2,192	197	2,389	...	12	...	0·02	2,023	...	2,035	...	3·19
...	271	1,143	107	1,250	...	979	...	1·20	2,605	...	3,584	...	4·40
...	3,177	2,153	190	2,343	834	...	0·42	...	5,362	...	4,528	...	2·70
26,932	5,95,096	2,04,170	8,949	2,13,119	3,81,977	...	...	...	4,38,991	...	57,014	...	...
5,73,373	5,88,452	3,77,059	13,317	3,90,376	1,98,076	...	...	...	2,06,850	...	8,774	...	...
61,85,574	65,04,067	30,60,896	1,44,313	32,05,209	32,98,358	...	...	...	10,90,640	22,08,218	...	...	...

calculated at certain percentages fixed by Government, but which are not adjusted in the Finance Accounts.

* At 3·3932 per cent. on direct capital expenditure to end of 1916-1917 and at 5·48 per cent. on subsequent expenditure.

IRRIGATION BRANCH. PUBLIC WORKS

ADMINISTRATIVE ACCOUNTS

No. 1.—General Abstract of Financial Results of Irrigation, Navigation, Embankment

Name of Projects.	Cost of Construction as now Estimated.			Capital Outlay.						Gross Receipts.
				During the year.			To end of previous year.			
	Direct Charges.	Indirect Charges.	Total.	Direct Charges.	Indirect Charges.	Total.	Direct Charges.	Indirect Charges.	Total.	
1	2	3	4	5	6	7	8	9	10	11
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward	3,43,07,885	11,10,756	3,54,18,621	18,82,108	78,872	19,60,980	3,17,09,249	10,78,467	3,27,82,705	3,18,493
	70,59,737	2,49,714	73,08,451	30,998	1,222	32,220	62,15,496	2,23,474	64,38,960	10,079
	1,32,05,502	9,22,113	1,41,27,915	17,844	561	18,405	1,32,03,754	9,22,084	1,41,25,838	5,68,104
UNPRODUCTIVE.										
A.—IRRIGATION WORKS.										
in Operation.										
DECCAN AND GUJARAT—*contd.*										
Asundi Tank	60,741	14,254	74,995	...	...	...	60,741	14,25	74,995	896
Dharwar Canal	95,509	2,323	97,832	...	...	...	95,509	2,323	97,832	1,220
Kadwa River Works... ...	9,71,741	62,450	10,34,191	...	...	...	9,71,741	62,450	10,34,191	53,341
Chankapur Tank	19,81,543	67,256	20,48,799	7,379	1,382	8,761	19,75,451	68,013	20,43,464	35,266
Pravara River Works—Left Canal	3,52,446	19,445	3,71,891	...	...	...	3,52,446	19,445	3,71,891	1,742
Godáveri Canal	96,91,901	4,94,477	1,01,86,378	28,528	2,783	31,311	97,44,735	4,98,215	1,02,42,950	5,38,400
Pravara Canal	1,34,02,491	6,46,975	1,40,49,466	11,93,519	42,105	11,62,624	1,22,88,571	4,00,053	1,26,88,624	55,644
Parsul Tank	2,11,995	6,951	2,18,946	...	..	...	2,08,007	6,988	2,14,995	5,404
Pravara Left Bank Canal ...	3,24,317	23,233	3,47,550	...	...	...	3,24,317	23,233	3,47,550	1,11,021
Mutha Canal including Máloba Tank	62,44,749	2,95,316	65,40,065	...	...	...	62,44,640	2,95,313	65,39,953	8,52,321
Nira Canal and Shetphal Tank	62,29,930	3,70,751	66,00,681	20,171	726	20,897	62,47,592	3,73,203	66,20,885	7,57,171
Kasurdi Tank	40,812	4,778	45,590	...	...	...	40,812	4,778	45,590	1,430
Shirsapal Tank	2,12,199	12,369	2,24,568	...	...	...	2,12,199	12,369	2,24,568	3,659
Bhadalwadi Tank	2,13,115	14,307	2,27,422	...	...	...	2,13,115	14,307	2,27,422	13,136
Works under construction.										
Maladevi Tank	3,04,671	9,903	3,14,574	...	...	...	3,02,040	9,888	3,11,928	...
Budhihal Tank	13,98,529	56,091	14,54,620	342	28	365	4,32,092	18,359	5,10,451	...
Nira Right Bank Canals ...	2,50,09,233	8,00,631	2,58,09,894	37,24,946	1,29,943	39,14,589	2,02,06,838	7,05,846	2,09,12,670	...
Gokak Canal Survey... ...	31,500	...	31,500	57,356	2,514	59,964	60,722	2,750	63,472	...
Victoria Tank	4,87,590	23,473	5,61,063	— 94	1	— 93	62,743	4,023	66,771	...
Suki River	...	...	...	...	...	...	15,139	385	15,524	...
Works in Abeyance— Gokak Canal 2nd Section...	1,78,001	13,934	1,91,935	...	...	...	1,76,506	13,978	1,90,284	...
Total Deccan and Gujarat ...	8,05,93,785	38,61,090	8,44,59,875	50,86,685	1,80,138	52,16,823	7,94,99,425	34,72,362	8,29,71,857	25,05,840
Total Unproductive ...	8,76,57,522	47,10,804	9,17,68,326	50,87,683	1,81,360	52,49,043	8,87,14,921	36,95,336	8,94,10,757	26,15,919
Grand Total ...	12,19,63,397	52,21,560	12,71,38,947	69,49,791	2,60,232	72,10,023	11,74,24,170	47,69,293	12,21,93,463	28,54,412
Works for which only revenue accounts are kept, Sind ...	...	...	...	...	...	...	...	...	...	34,769

Note.—Direct Charges under Working Expenses include share of collection charges in the Civil Department

20-1
No. Bk.——
2274

Submitted to the Auditor General, Delhi, in continuation of this Office Endorsement No. Bk. 201-1/2256 dated 18th December 1923.

Bombay, 2nd February 1924.

DEPARTMENT. **BOMBAY PRESIDENCY.**

FOR THE YEAR 1922-23.

and Drainage Works for which separate Revenue Accounts are kept.

Receipts during year.		Working Expenses during the year.			Net Results (excluding interest) for the year.				Simple Interest for the year at * per cent. during the year.	Net Results (including interest) for the year.			
							Rate per cent.					Rate per cent.	
Portion of Land Revenue due to works.	Total.	Direct Charges.	Indirect Charges.	Total.	Net receipts (or excess revenue).	Net payments (or deficit).	Of Net Receipts.	Of Net Payments.		Excess revenue (or profit).	Deficit (or loss).	Of excess revenue.	Of deficit.
13	13	14	15	16	17	18	19	20	21	22	23	24	25
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
61,85,574	65,04,067	30,60,896	1,44,313	32,05,209	32,98,858	...	...	...	10,90,640	22,08,218	...	...	...
5,78,373	5,88,452	3,77,059	13,317	3,90,376	1,98,076	...	...	...	2,06,850	...	8,774	...	...
26,932	5,95,098	2,04,170	8,743	2,13,119	3,81,777	...	...	...	4,38,991	...	57,014	...	...
627	1,583	627	49	676	907	...	1·21	...	2,020	...	1,113	...	1·48
2,474	1,254	1,067	141	1,208	...	2,462	...	2·52	3,390	...	5,852	...	5·98
594	53,936	25,090	1,611	27,671	26,264	...	2·54	...	32,513	...	6,048	...	0·53
...	35,266	25,431	1,619	27,050	8,216	...	0·40	...	58,381	...	50,165	...	2·04
226	1,967	4,008	263	4,271	...	2,304	...	0·62	11,720	...	14,024	...	3·77
...	5,38,406	2,45,177	14,626	2,59,803	2,78,603	...	2·72	...	3,26,071	...	49,468	...	0·48
...	55,644	42,755	2,680	45,435	10,209	...	0·08	...	5,01,709	...	4,91,500	...	3·87
...	5,404	1,447	80	1,527	3,877	...	1·60	...	6,917	...	3,040	...	1·41
76	1,11,097	68,093	4,177	72,270	38,827	...	11·17	...	10,784	28,043	...	8·07	...
52	3,59,373	1,35,280	9,536	1,44,816	2,14,557	...	3·28	...	2,07,354	7,203	...	0·11	...
...	7,57,171	1,96,840	12,176	2,09,016	5,48,155	...	3·28	...	2,10,443	3,37,712	...	5·10	...
...	1,480	834	67	951	529	...	1·16	...	1,357	...	828	...	1·82
...	3,659	2,748	197	2,945	714	...	0·32	...	7,056	...	6,342	...	2·82
...	13,165	3,761	255	4,016	9,149	...	4·02	...	7,087	2,062	...	...	0·91
...	...	...	...	...	...	...	...	...	10,043	...	10,043	...	3·22
...	...	...	...	...	...	...	...	...	16,377	...	16,377	...	3·21
...	...	...	...	...	...	...	...	...	11,01,022	...	11,01,022	...	4·20
...	...	...	...	...	...	...	...	...	1,756	...	1,756	...	2·77
...	...	...	...	...	...	...	...	...	2,265	...	2,265	...	3·09
...	...	...	...	...	...	...	...	...	503	...	503	...	3·24
...	...	...	...	...	...	...	...	...	5,863	...	5,863	...	3·81
26,152	25,31,992	9,58,348	56,426	10,14,774	15,17,218	...	1·63	...	29,75,421	...	14,58,203	...	1·76
5,04,525	31,20,444	13,35,407	69,743	14,05,150	17,15,294	...	1·92	...	31,82,271	...	14,66,977	...	1·64
67,90,099	96,24,511	43,96,303	2,14,056	46,10,359	50,14,152	...	4·10	...	†42,72,911	7,41,241	...	0·61	...
14,24,416	14,59,185	6,65,763	21,394	6,87,162	7,72,023	...	...	...	...	7,72,023	...	...	...

) calculated at certain percentages fixed by Government, but which are not adjusted in the Finance Accounts.

* At 3·3352 per cent. on direct capital expenditure to end of 1918-1917 and at 5·48 per cent. on subsequent expenditure.

† Interest Rs. 3-8-0 calculated on Rs. 131-6-8 adjusted under "Suspense" of "55 Construction of Irrigation Works" according to J. E. No. 34 of 17th December 1923, from the Auditor General has not been included in this amount as it does not relate to any Canal.

J. STUART MILNE,
Accountant General.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

DESERT CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated. (Construction estimate closed on 31st March 1892.)	Expenditure against closed estimates.
	Previous.	1922-1923.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1) *Head Works.*					
C. Works	63,481	...	63,481	63,481	63,481
K. Buildings	3,620	...	3,620	3,620	3,620
Total, Head Works ...	67,101	...	67,101	67,101	67,101
(2) *Main Canals and Branches.*					
A. Preliminary Expenses	1,425	...	1,425	1,425	1,425
B. Land	2,095	...	2,095	2,095	2,095
D. Regulators	1,34,523	...	1,34,523	1,34,523	1,34,523
E. Falls and Weirs	75,450	...	75,450	75,450	75,450
F. River and hill torrent works ...	3	...	3	3	3
G. Bridges	79,136	...	79,136	79,136	79,136
H. Escapes	15,835	...	15,835	15,835	15,835
I. Navigation Works	6,665	...	6,665	6,665	6,665
K. Buildings	72,274	...	72,274	72,274	72,274
L. Earth-work	14,56,901	...	14,56,901	14,56,901	14,56,901
M. Plantations	1,507	...	1,507	1,507	1,507
O. *Miscellaneous*	15,117	...	15,117	15,117	15,117
P. Maintenance	6,908	...	6,908	6,908	6,908
Total, Main Canals and Branches ...	18,67,839	...	18,67,839	18,67,839	18,67,839
(3) *Distributaries.*					
A. Preliminary Expenses	50	...	50	50	50
B. Land	313	...	313	313	313
C. Works	1,03,626	1,098	1,04,724	1,04,892	1,03,626
L. Earth-work	1,05,205	....	1,05,205	1,05,205	1,05,205
Total, Distributaries ...	2,09,194	1,098	2,10,292	2,10,460	2,09,194
Total, I.—Works ...	21,44,134	1,098	21,45,232	21,45,400	21,44,134
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts	4,85,773	199	4,85,972	4,86,045	4,85,773
3. Executive					
4. Medical	...	...	...	...	...
5. Special Survey	...	...	...	...	...
Total, Establishment ...	4,85,773	199	4,85,972	4,86,045	4,85,773
III.—TOOLS AND PLANT	25,431	23	25,454	25,450	25,431
V.—Suspense Accounts	...	...	...	...	...
Grand Total ...	26,55,338	1,320	26,56,658	26,56,895	26,55,338
V.—*Less*—Receipts on Capital Account ...	37	...	37	37	37
Net Outlay ...	26,55,301	1,320	26,56,621	26,56,858	26,55,301
Apportionment.					
Chargeable to 49.—Irrigation	19,49,853	...	19,49,853	26,56,858	19,49,853
Chargeable to 43.—Minor Works and Navigation	7,05,448	..	7,05,448		7,05,448
Chargeable to 55.—Constructing of Irrigation Works—Provincial	...	1,320	1,320		...
Total ...	26,55,301	1,320	26,56,621	26,56,858	26,55,301

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

DESERT CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	23,53,839	1,10,031	24,63,870	1. Head Works ...	7,739	...	7,739
5. Plantations ...	10,941	100	11,651	2. Main Canals and Branches ...	2,00,144	395	2,00,539
6. Other canal produce ...		610		3. Distributaries ...	48,848	...	48,848
9. Rents of buildings.	10,415	15	10,430				
10. Fines ...	22,737	1,016	23,753	Total ...	2,56,731	395	2,57,126
11. Miscellaneous receipts ...	27,937	4,465	32,402	II.—MAINTENANCE AND REPAIRS.			
Total ...	24,25,869	1,16,237	25,42,106	1. Head Works ...	43,743	...	43,743
				2. Main Canals and Branches ...	27,01,916	1,26,178	28,28,094
II.—INDIRECT RECEIPTS.				3. Distributaries ...	41,270	...	41,270
Irrigation share of Land Revenue collected in the Civil Department.	81,61,607	4,53,868	86,15,475	Total ...	27,86,929	1,26,178	29,13,107
				III.—COMPENSATION ...	279	...	279
Four per cent. on $\frac{9}{10}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A. I., dated respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	52,358	2,294	54,652	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	6,81,206	46,023	7,27,229
				3. Executive ...			
				Total ...	6,81,206	46,023	7,27,229
				V.—TOOLS AND PLANT ...	30,720	2,613	33,333
				VI.—REFUNDS OF REVENUE ..	7,245	...	7,245
				Suspense Account ...	...	...	...
Total ...	82,13,965	4,56,162	86,70,127	Total ...	37,63,110	1,75,209	39,38,319
Total, Receipts ...	1,06,39,834	5,72,399	1,12,12,233				
				Share of Collection Charges in the Civil Department	5,72,521	27,448	5,99,969
				Total, Direct Charges ...	43,35,631	2,02,657	45,38,288
Note.—Loss to the canal on account of difference between assessment of water-rates on Jaghir lands and also on lands in Khalsa Territory and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 460, dated 11th August 1883.				Indirect Charges debitable to Revenue Account as per Account No. 5	1,04,519	7,709	1,12,228
Rs.				Total, Charges ...	44,40,150	2,03,366	46,50 516
To end of 1921-1922. 22,93,437				Balance Net Revenue ...	61,99,684	3,62,033	65,61,717
Loss for 1922-1923 ... 104,685							
Total ...23,98,122							
Grand Total ...	1,06,39,834	5,72,399	1,12,12,233	Grand Total ...	1,06,39,834	5,72,399	1,12,12,233

N. B.—Construction Estimate closed on 31st March 1892—*vide* Government Resolution, No. 1233, dated 26th July 1891. Completion Report approved in Government Resolution, No 1750, dated 10th November 1893.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

IRRIGATION WORKS.

DESERT CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1921-1922 ...	30,30,175	Net Revenue realized to end of 1921-1922 ...	61,99,584
Interest charges for the year 1922-1923 ...	88,641	Do. during 1922-1923 ...	3,62,033
On Rs. 26,40,891 outlay to end of the year 1916-17 at the average rate 3·3252 per cent. Rs. 87,815.			65,61,717
On subsequent outlay Rs. 15,088 (from 1917-18 to 1921-22 and half of 1922-23) Rs. 826.		Balance net Interest charges	—34,42,901
Total ...	31,18,816	Total ...	31,18,816

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	2,284	...	2,284
2. Leave and Pension Allowances	77,731	28	77,759
3. Audit and Accounts Establishment	...	11	11
Total ...	80,015	39	80,054
REVENUE—			
1. Capitalized abatement of Land Revenue	5,778	...	5,778
2. Leave and Pension Allowances	97,405	6,443	1,03,848
3. Audit and Accounts	1,336	1,266	2,602
Total ...	1,04,519	7,709	1,12,228

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

IRRIGATION WORKS.

DESERT CANAL.

CANAL PROJECT.

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against Closed Sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
DIRECT CHARGES.								
Works ...	9,86,127	11,58,007	21,44,134	1,098	1,266	168	21,45,232	Government Resolution (Public Works Department), No. 3142, dated 15th January 1923, Rs 1,603.
Establishment ...	2,20,523	2,65,250	4,85,773	199	272	73	4,85,972	
Tools and Plant ...	14,280	11,151	25,431	23	19	−4	25,454	
Suspense Accounts ...	...	...	...	...	...			
Total ...	12,20,930	14,34,408	26,55,338	1,320	1,557	237	26,56,658	
Less—Receipts on Capital Account ...	37	...	37	...	...	...	37	
Net Total ...	12,20,893	14,34,408	26,55,301	1,320	1,557	237	26,56,621	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	...	2,284	2,284	...	...	...	2,284	
Leave and Pension Allowances ...	40,598	37,133	77,731	28	38	10	77,759	
Audit and Accounts Establishment ...	...	...	...	11	13	2	11	
Total ...	40,598	39,417	80,015	39	51	12	80,054	
Grand Total ...	12,61,491	14,73,825	27,35,316	1,359	1,608	249	27,36,675	

'IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

UNEARWAH CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	Direct Charges.			Cost of construction as now estimated (Construction estimate closed on 31st March 1891.)	Expenditure against close estimates.
	Previous.	1922-23.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS.					
(1) *Head Works.*					
C. Works	56,970	...	56,970	56,970	56,970
Total, Head Works ...	56,970	...	56,970	56,970	56,970
(2) *Main Canals and Branches.*					
A. Preliminary Expenses	817	...	817	817	817
B. Land	144	...	144	144	144
D. Regulators	1,03,194	...	1,03,194	1,03,194	1,03,194
G. Bridges	18,314	...	18,314	18,314	18,314
K. Buildings	20,660	...	20,660	20,660	20,660
L. Earth-work	3,58,463	...	3,58,463	3,58,463	3,58,463
M. Plantations	1,179	...	1,179	1,179	1,179
Total, Main Canals and Branches ...	5,02,771	...	5,02,771	5,02,771	5,02,771
(3) *Distributaries.*					
C. Works	38,405	2,332	40,737	40,737	40,737
L. Earth-work	28,987	...	28,987	28,987	28,987
O. Miscellaneous ...	4,089	...	4,089	4,089	4,089
Total, Distributaries ...	71,481	2,332	73,813	73,813	73,813
Total, I.—Works ...	6,31,222	2,332	6,33,554	6,33,554	6,33,554
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ... ... / 3. Executive	1,34,479	424	1,34,903	1,34,903	1,34,903
Total, Establishment ...	1,34,479	424	1,34,903	1,34,903	1,34,903
III.—TOOLS AND PLANT	2,349	48	2,397	2,397	2,397
Grand Total ...	7,68,050	2,804	7,70,854	7,70,854	7,70,854
V.—*Less*—Receipts on Capital Account ...	...	...	...	...	...
Net Outlay ...	7,68,050	2,804	7,70,854	7,70,854	7,70,854
Apportionment.					
Chargeable to 49.—Irrigation	7,63,579	...	7,63,579	7,63,579	7,63,579
Chargeable to 43.—Minor Works and Navigation	4,471	...	4,471	4,471	4,471
Chargeable to 55.—Construction of Irrigation Works—Provincial	...	2,804	2,804	2,804	2,804
Total ...	7,68,050	2,804	7,70,854	7,70,854	7,70,854

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

UNHARWA'H CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total. Previous.	1922-1923.	Total.	Charges.	Total. Previous.	1922-1923.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	5,877	261	6,138	1. Head Works ...	79,800	...	79,800
4. Water-supply of towns ...	41	...	41	2. Main Canals and Branches	61,670	...	61,670
5. Plantations ...	3,850	51	3,964	3. Distributaries ...	7,467	...	7,467
6. Other canal produce.		63		Total ...	1,48,437	...	1,48,437
9. Rents of buildings.	103	...	103	II.—MAINTENANCE AND REPAIRS.			
10. Fines ...	11,354	1,219	12,573	1. Head Works ...	387	...	387
11. Miscellaneous receipts ...	7,492	400	7,892	2. Main Canals and Branches... ..	8,82,528	48,610	9,31,138
Total ...	28,717	1,994	30,711	3 Distributaries ...	11,390	...	11,390
II.—INDIRECT RECEIPTS.				Total ...	8,94,305	48,610	9,42,915
Irrigation share of Land Revenue collected in the Civil Department	47,57,591	2,49,330	50,06,921	IV.—ESTABLISHMENT.			
Four per cent. on $\frac{2}{10}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 53-A.I., dated respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ..	80,846	3,114	83,960	1 & 2. Direction and Accounts ... ... 3. Executive	2,01,258	17,675	2,18,933
Total ...	48,38,437	2,52,444	50,90,881	Total ...	2,01,258	17,675	2,18,933
Total Receipts ...	48,67,154	2,54,438	51,21,592	V.—TOOLS AND PLANT ..	8,919	1,004	9,923
				Total ...	12,52,919	67,289	13,20,208
Note.—Loss to the canal on account of difference between assessment of water-rates on Jaghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 338-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Share of Collection Charges in the Civil Department	3,06,957	15,049	3,22,006
Rs.				Total Direct Charges...	15,59,876	82,338	16,42,214
To end of 1921-1922 ... 22,121				Indirect Charges debitable to Revenue Account as per Account No. 5	31,008	2,961	33,969
Loss for 1922-1923 ... 859				Total Charges ...	15,90,884	85,299	16,76,183
Total .. 22,980				Balance Net Revenue ...	32,76,270	1,69,139	34,45,409
Grand Total ...	48,67,154	2,54,438	51,21,592	Grand Total ...	48,67,154	2,54,438	51,21,592

N. B.—Construction Estimate closed on 31st March 1891—*vide* Government Resolution, No. 1263, dated 28th July 1891. Completion Report approved in Government Resolution, No. 590, dated 6th April 1892.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

IRRIGATION WORKS.

UNHARWAH CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1921-1922 ...	8,09,096	Net Revenue realized to end of 1921-1922...	32,76,270
Interest charges for the year 1922-1923 ...	25,616	Do. during 1922-1923 ...	1,69,140
On Rs. 7,68,050 outlay to end of the year 1916-17 at the average rate 3·3252 per cent. Rs. 25,539			34,45,410
Subsequent outlay Rs. 1,402 (half of 1922-23) at the average rate 5·48 per cent. Rs. 77.		Balance net Interest Charges	—26,10,698
Total ...	8,34,712	Total ...	8,34,712

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	1,953	.....	1,953
2. Leave and Pension Allowances	18,827	59	18,886
3. Audit and Accounts Establishment	.....	23	23
Total ...	20,780	82	20,862
REVENUE—			
1. Capitalized abatement of Land Revenue	3,483	.....	3,483
2. Leave and Pension Allowances	26,925	2,475	29,400
3. Audit and Accounts	600	486	1,086
Total ...	31,008	2,961	33,969

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

IRRIGATION WORKS.

UNHARWAH CANAL.

CANAL PROJECT.

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against Closed Sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	2,79,267	3,54,287	6,33,554	...	...	...	6,33,554	
Establishment ...	52,087	82,816	1,34,903	...	...	...	1,34,903	
Tools and Plant ...	481	1,916	2,397	...	...	...	2,397	
Total ...	3,31,835	4,39,019	7,70,854	...	...	...	7,70,854	
Less—Receipts on Capital Account ...								
Net Total ...	3,31,835	4,39,019	7,70,854	...	...	...	7,70,854	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	...	1,953	1,953	...	...	...	1,953	
Leave and Pension Allowances ...	7,293	11,593	18,886	...	...	...	18,886	
Audit and Accounts Establishment ...	...	23	23	...	...	...	23	
Total ...	7,293	13,569	20,862	...	...	...	20,862	
Grand Total ...	3,39,128	4,52,588	7,91,716	...	...	...	7,91,716	Estimate for Rs. 3,215 (both direct and indirect) sanctioned in Government Resolution (Public Works Department), No. 5142, dated 15th January 1923, was closed during the year 1922-23 and the expenditure against it has been included under open Capital sanctions closed.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

BEGA'RI CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated (Construction estimate closed on 31st March 1891).	Expenditure against closed estimates.
	Previous.	1922-1923.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(2)—*Main Canals and Branches.*					
B. Land	24,888	...	24,888	24,888	24,888
D. Regulators	3,57,038	...	3,57,038	3,57,038	3,75,038
G. Bridges	70,650	...	70,650	70,650	70,650
H. Escapes	7,092	...	7,092	7,092	7,092
I. Navigation Works	2,065	...	2,065	2,065	2,065
K. Buildings	35,779	...	35,779	35,779	35,779
L. Earth-work	10,59,759	...	10,59,759	10,59,759	10,59,759
M. Plantations	11,455	...	11,455	11,455	11,455
O. Miscellaneous	4,543	...	4,543	4,543	4,543
Total, Main Canals and Branches ...	15,73,269	...	15,73,269	15,73,269	15,73,269
(3)—*Distributaries.*					
A. Preliminary Expenses ...	9,039	...	9,039	9,039	9,039
B. Land	73,020	...	73,020	73,020	73,020
C. Works	2,16,060	1,099	2,17,159	2,17,159	2,17,159
L. Earth-work	1,91,510	...	1,91,510	1,91,510	1,91,510
Recoveries from colonists ...	—37,476	—2,114	—39,590	—39,590	—39,590
Total, Distributaries ...	4,52,153	—1,015	4,51,138	4,51,138	4,51,138
Total, I—Works ...	20,25,422	—1,015	20,24,407	20,24,407	20,24,407
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	3,57,443	—184	3,57,259	3,57,259	3,57,259
3. Executive					
Total, Establishment ...	3,57,443	—184	3,57,259	3,57,259	3,57,259
III.—TOOLS AND PLANT ...	5,247	—21	5,226	5,226	5,226
IV.—Suspense Accounts ...	.....	...	.....	.....	.....
Grand Total ...	23,88,112	—1,220	23,86,892	23,86,892	23,86,892
V.—*Less*—Receipts on Capital Account	19	...	19	19	19
Net Outlay ...	23,88,093	—1,220	23,86,873	23,86,873	23,86,873
APPORTIONMENT.					
Chargeable to 49—Irrigation ...	23,94,877	...	23,94,877	23,94,877	23,94,877
Chargeable to 55—Construction of Provincial Irrigation Works. ...	—6,784	—1,220	—8,004	—8,004	—8,004
Total ...	23,88,093	—1,220	23,86,873	23,86,873	23,86,873

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

BEGA'RI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	TOTAL. Previous.	1922-1923.	Total.	Charges.	TOTAL. Previous.	1922-1923.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	13,92,321	32,600	14,24,921	1. Head Works ...	1,255	...	1,255
3. Sales of Water ...	981	5	986	2. Main Canals and Branches ...	5,25,637	4,155	5,29,792
4. Water-supply of Towns.	1,295	148	1,443	3. Distributaries ...	34,073	...	34,073
5. Plantations ...	17,906	29	18,945	Total ...	5,60,965	4,155	5,65,120
6. Other Canal Produce.		1,010		II.—MAINTENANCE AND REPAIRS.			
9. Rents of Buildings.	322	17	339	1. Head Works ...	36,45,438	...	36,45,438
10. Fines ...	24,743	2,577	27,320	2. Main Canals and Branches ...	29,739	2,43,615	2,73,354
11. Miscellaneous Receipts ...	43,730	2,554	46,284	4. Drainage and Protective Works ...	17,343	...	17,343
12. *Deduct* Refunds ...	52	147	199	Total ...	36,92,520	2,43,615	39,36,135
Total ...	14,81,246	38,793	15,20,039				
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department.	1,70,55,791	7,60,830	1,78,16,621				
4 per cent. on $\frac{5}{16}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 & 53-A.I., dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	2,42,929	10,185	2,53,114	IV.—ESTABLISHMENT. 1 & 2. Direction and Accounts ... 3. Executive	10,73,192	92,037	11,65,229
				Total ...	10,73,192	92,037	11,65,229
				V.—TOOLS AND PLANT ...	45,164	5,741	50,905
				VI.—REFUNDS OF REVENUE	1,751	...	1,751
				Suspense Account ...	—2	...	—2
Total ...	1,72,98,720	7,71,015	1,80,69,735	Deduct recoveries on Revenue Account ...	—42	515	557
Total, Receipts ...	1,87,79,966	8,09,808	1,95,89,774	Total ...	53,73,548	3,45,033	57,18,581
Note.—Loss to the canal on account of difference between assessment of water-rates on Jághir lands and also on lands in Khilat Territory and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883. Rs. To end of 1921-1922. 25,91,303 Loss for 1922-1923 ... 70,126				Share of Collection Charges in the Civil Department	12,54,014	46,172	13,00,186
				Total Direct Charges ...	66,27,562	3,91,205	70,18,767
				Indirect Charges debitable to Revenue Account as per Account No. 5..	1,68,650	15,469	1,84,119
				Total Charges ..	67,96,212	4,06,674	72,02,886
Total ...26,61,429				Balance Net Revenue ...	1,19,83,754	4,03,13	1,23,86,888
Grand Total ...	1,87,79,966	8,09,808	1,95,89,774	Grand Total ...	1,87,79,966	8,09,808	1,95,89,774

N. B.—Construction Estimate closed on 31st March 1891—*vide* Government Resolution No. 1253, dated 28th July 1891.
Completion Report approved in Government Resolution No. 753, dated 11th May 1892.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

BEGA'RI CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1921-22.	33,44,147		
Interest charges for the year 1922-1923.	79,714		
On Rs. 23,72,384 outlay to end of the year 1916-17 at the average rate—		Net Revenue realized to end of 1921-22.	1,19,83,754
Rs.		Do. during 1922-1923.	4,03,134
3·3252 per cent. ... 78,887			
On subsequent outlay Rs. 15,099 (1917-18 to 1921-22 and half of 1922-23) at the average rate 5·48 per cent. ... 827			1,23,86,888
		Balance net interest charges	—89,63,027
Total ...	34,23,861	Total ...	34,23,861

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	17,931	.....	17,931
2. Leave and Pension Allowances	61,081	—26	61,055
3. Audit and Accounts Establishment	—57	—10	—67
Total ...	78,955	—36	78,919
REVENUE—			
1. Capitalized abatement of Land Revenue	4,340	106	4,446
2. Leave and Pension Allowances	1,61,427	12,885	1,74,312
3. Audit and Accounts Establishment	2,883	2,478	5,361
Total ...	1,68,650	15,469	1,84,119

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	13,91,068	6,33,339	20,24,407	...	...	...	20,24,407	Estimate for Rs. 1,408 (both direct and indirect) sanctioned in Government Resolution (Public Works Department) No. 3142 dated 15th January 1923 was closed during 1922-23 and the expenditure against it was shown under open Capital sanctions closed.
Establishment ...	2,29,894	1,27,365	3,57,259	...	...	...	3,57,259	
Tools and Plant ...	4,666	560	5,226	...	...	...	5,226	
Total ...	16,25,628	7,61,264	23,86,892	...	...	...	23,86,892	
Less—Receipts on Capital Account ...	19	...	19	...	...	...	19	
Net Total ...	16,25,609	7,61,264	23,86,873	...	...	...	23,86,873	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	4,246	13,685	17,931	...	...	...	17,931	
Leave and Pension Allowances	43,224	17,831	61,055	...	...	...	61,055	
Audit and Accounts Establishment ...	...	—67	—67	...	...	...	—67	
Total ...	47,470	31,449	78,919	...	...	...	78,919	
Grand Total ...	16,73,079	7,92,713	24,65,792	...	...	...	24,65,792	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

EASTERN NARA WORKS.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	Direct Charges.			Cost of construction as now estimated (Construction estimate closed on 31st March 1898).	Expenditure against closed estimates.
	Previous.	1922-1923.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1) *Head Works.*					
B. Land	1,638	...	1,638	1,638	1,638
C. Works	12,33,300	...	12,33,300	12,33,300	12,33,300
K. Buildings	1,862	...	1,862	1,862	1,862
Total, Head Works ...	12,36,800	...	12,36,800	12,36,800	12,36,800
(2) *Main Canals and Branches.*					
A. Preliminary Expenses	4,459	1,812	6,271	7,312	2,554
B. Land	...	...	...	5,000	...
C. Works	...	2,786	2,786	21,616	...
D. Regulators	2,69,497	33,654	3,03,151	3,01,610	2,57,668
G. Bridges	1,52,747	1,636	1,54,383	1,74,188	1,61,703
H. Escapes	45,632	...	45,632	45,632	45,632
K. Buildings	93,089	22,270	1,15,359	1,47,160	1,11,730
L. Earth-work	8,24,441	1,09,162	9,33,603	15,34,378	7,66,537
M. Plantations	16,742	...	16,742	17,928	16,742
N. Tanks and Reservoirs	1,441	...	1,441	1,441	1,441
O. Miscellaneous	32,121	3,034	35,155	43,493	32,121
P. Maintenance	...	...	...	20,002	...
Total, Main Canals and Branches ...	14,50,169	1,79,354	16,29,523	23,19,760	13,96,128
(3) *Distributaries.*					
A. Preliminary Expenses	7,620	7,141	14,761	9,273	3,910
B. Land	13,973	3,358	17,331	9,750	2,650
C. Works	3,33,672	7,229	3,40,901	3,31,221	2,66,490
L. Earth-work	2,68,509	7,548	2,76,057	2,79,938	1,12,073
M. Plantations	29	...	29	...	...
O. Miscellaneous	58,455	989	59,444	63,047	29,878
P. Maintenance	548	...	548	16,786	...
Total, Distributaries ...	6,82,806	26,265	7,09,071	7,10,015	4,15,001
(4) *Drainage and Protective Works.*					
A. Preliminary Expenses	65,327	...	65,327	65,327	65,327
B. Land	2,832	...	2,832	2,832	2,832
C. Works	2,38,182	...	2,38,182	2,38,182	2,38,182
L. Earth-work	20,29,845	...	20,29,845	20,29,845	20,29,845
O. Miscellaneous	425	...	425	425	425
Total, Drainage and Protective Works ...	23,36,611	...	23,36,611	23,36,611	23,36,611
6. Special Tools and Plants ...	...	2,84,979	2,84,979	5,35,589	...
Total, I.—Works ...	57,06,386	4,90,598	61,96,984	71,33,775	53,84,540
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts	14,53,193	1,08,428	15,61,620	17,31,593	13,45,004
3. Executive					
5. Special Survey	4,882	...	4,882		4,882
Total, II.—Establishment ...	14,58,074	1,08,428	15,66,502	17,31,593	13,49,886
III.—TOOLS AND PLANT	75,473	9,582	85,055	98,572	72,153
Grand Total ...	72,39,933	6,08,608	78,48,541	89,63,940	68,06,579
V.—*Less*—Receipts on Capital Account ...	176	...	176	176	176
Net Outlay ...	72,39,757	6,08,608	78,48,365	89,63,764	68,06,403
APPORTIONMENT.					
Chargeable to 49.—Irrigation	47,15,370	...	47,15,370	89,63,764	68,06,403
Chargeable to 43.—Minor Works and Navigation	23,89,790	...	23,89,790		
Chargeable to 55.—Construction of Irrigation Works—Provincial	1,34,597	6,08,608	7,43,205	...	
Total ...	72,39,757	6,08,608	78,48,365	89,63,764	68,06,403

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

EASTERN NARA WORKS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	4,58,635	4,116	4,62,751	1. Head Works ...	18,557	...	18,557
3. Sales of water ...	19,321	4,033	23,354	2. Main Canals and Branches ...	3,33,379	1,311	3,34,690
5. Plantations ...	} 2,70,699	389	} 2,74,797	3. Distributaries ...	39,187	...	39,187
6. Other Canal Produce		} 3,769		4. Drainage and Protective Works ...	2,46,897	2,338	2,49,235
8. Navigation ...	8,463	548	9,011				
9. Rents of buildings ...	761	5	766	Total ...	6,38,020	3,649	6,41,669
10. Fines	50,235	877	51,112				
11. Miscellaneous Receipts	6,04,479	1,475	6,05,954	II.—MAINTENANCE AND REPAIRS.			
Deduct—Refunds ...	922	10	932				
				1. Head Works ...	5,29,240	21,376	5,50,616
Total ...	14,11,671	15,142	14,26,813	2. Main Canals and Branches ...	26,22,721	1,41,131	27,63,852
				3. Distributaries ...	72,382	...	72,382
II.—INDIRECT RECEIPTS.				Unclassifiable Outlay ...	5,36,057	...	5,36,057
				4. Drainage and Protective Works ...	8,97,630	17,956	9,15,586
Irrigation share of Land Revenue collected in the Civil Department.	2,26,01,853	5,22,138	2,31,23,991				
				Total ...	46,58,030	1,80,463	48,38,493
				IV.—ESTABLISHMENT.			
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 53-A. I., dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1299, dated 10th July, and No. 1912, dated 7th November 1889 ...	61,391	5,645	67,039	1 & 2. Direction and Accounts ...	21,42,848	1,21,961	22,64,809
				Total ...	21,42,848	1,21,961	22,64,809
				V.—TOOLS AND PLANT ...	59,696	3,261	62,957
Total ...	2,26,63,247	5,27,783	2,31,91,030	VI.—REFUNDS OF REVENUE	8,042	...	8,042
				Suspense Account ...	28	10	38
Total, Receipts ...	2,40,74,918	5,42,925	2,46,17,843	Deduct—Recoveries on Revenue accounts ...	1,297	242	1,539
				Total ...	75,05,367	3,09,102	78,14,469
Note.—Loss to the canal on account of difference between assessment of water rates on lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Share of Collection Charges in the Civil Department	17,28,819	31,629	17,60,448
				Total Direct Charges ...	92,34,186	3,40,731	95,74,917
Rs.				Indirect Charges debitable to Revenue Account as per Account No. 5	3,29,766	18,970	3,48,736
To end of 1921-1922. 6,36,719							
Loss for 1922-1923... 21,294							
Total ... 7,20,013				Total, Charges ...	95,63,952	3,59,701	99,23,653
				Balance Net Revenue ...	1,45,10,966	1,83,224	1,46,94,190
Grand Total ...	2,40,74,918	5,42,925	2,46,17,843	Grand Total ...	2,40,74,918	5,42,925	2,46,17,843

N. B.—Construction Estimate closed on 31st March 1898—*vide* Government Resolution No. 1768, dated 18th November 1895. Completion Report approved in Government Resolution No. 438, dated 17th February 1913.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

EASTERN NARA WORKS.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922 ...	1,11,36,459		
Interest charges for the year 1922-1923 ...	2,67,323		
On Rs. 67,79,815 outlay to end of the year 1916-17 at the average rate 3·8252 per cent. ... ... Rs. 2,25,442		Net revenue realized to end of 1921-1922 ...	1,45,10,966
		Do. during 1922-1923 ...	1,83,224
On subsequent outlay Rs. 7,64,246 (from 1917-18 to 1921-22 and half outlay, of 1922-23) at the average rate 5·48 per cent. Rs. 41,881			1,46,94,190
		Balance net interest charges ...	32,90,408
Total ...	1,14,03,782	Total ...	1,14,03,782

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	3,558	3,227	6,785
2. Leave and Pension Allowances	2,48,032	15,180	2,63,262
3. Audit and Accounts	987	4,906	5,893
Total ...	2,52,627	23,313	2,75,940
REVENUE—			
1. Capitalized abatement of Land Revenue	496	54	550
2. Leave and Pension Allowances	3,26,662	17,075	343,737
3. Audit and Accounts	2,608	1,841	4,449
Total ...	3,29,766	18,970	3,48,736

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Works	48,30,172	5,54,368	53,84,540	8,12,444	17,54,235	9,41,791	61,96,984	8,54,676
Establishment	11,84,114	1,65,772	13,49,886	2,16,616	3,81,707	1,65,091	15,66,502	1,81,988
Tools and Plant... ...	50,880	21,273	72,153	12,902	26,419	13,517	85,055	1,48,068
								50,831
								11,565,571
Total ...	60,65,166	7,41,413	68,06,579	10,41,962	21,62,361	11,20,399	78,48,541	
Less—Receipts on Capital Account ...	179	—3	176	...	...	...	176	
Net Total ...	60,64,987	7,41,416	68,06,403	10,41,962	21,62,361	11,20,399	78,48,365	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	2,669	415	3,084	3,701	21,300	17,599	6,785	
Leave and Pension Allowances	2,09,728	22,479	2,32,207	31,055	53,430	22,384	2,63, 22	
Audit and Accounts Establishment ...	...	186	186	5,707	11,111	5,404	5,893	
Total ...	2,12,397	23,080	2,35,477	40,463	85,850	45,387	2,75,940	
Grand Total ...	62,77,384	7,64,496	70,41,880	10,82,425	22,48,211	11,65,786	81,24,305	

Government of India, Public Works Department, No. 1804, dated 15th August 1923.
Government of Bombay, Public Works Department, No. 1967, dated 1st May 1924, communicated in Government Resolution No. 9000, dated 29th May 1924.
Government Resolution No. W.I. 3873, dated 19th August 1925
Government Resolution No. 2834, dated 6th February 1923 " " 13th July 1923 " " 11th July 1925
Government Resolution No. 1696 " " 2255 " "

Note(2)—Sanctions accorded in G. R. (P. W. D.) Nos. 2171, 2172, 2173, 2174, 2175 and 2176, dated 10th August 1922, have been closed during 1922-23 and the expenditure thereon has been shown against closed sanctions in columns "Expenditure against open capital sanctions."

Note(3)—Proportionate cost of Dipper Dredger and Hopper Barges for the Sind and for excavating cuts has been debited to the open capital account of the Jamrao Canal.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

JAMRAO CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated. (Construction estimate closed on 31st March 1902.)	Expenditure against closed estimates.
	Previous.	1922-1923.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS.					
(1) *Head Works.*					
A. Preliminary Expenses	4,738	...	4,738	4,738	4,738
B. Land	90,714	...	90,714	90,714	90,714
C. Works	16,86,409	12,952	16,99,361	16,99,706	16,95,382
K. Buildings	1,01,411	...	1,01,411	1,01,411	1,01,411
O. Miscellaneous ...	31,921	...	31,921	31,921	31,921
P. Maintenance	25,550	...	25,550	25,550	25,550
Total, Head Works ...	19,40,743	12,952	19,53,695	19,54,040	19,49,716
(2) *Main Canals and Branches.*					
A. Preliminary Expenses	32,466	...	32,466	32,466	32,466
B. Land	30,215	...	30,215	30,215	30,215
D. Regulators	3,99,426	...	3,99,426	3,99,426	3,99,426
E. Falls and Weirs	85,625	...	85,625	85,625	85,625
F (1) Other Cross Drainage Works ...	1,83,594	...	1,83,594	1,83,594	1,83,594
G. Bridges	1,71,475	...	1,71,475	1,71,475	1,71,475
H. Escapes	44,222	...	44,222	44,222	44,222
K. Buildings	3,33,544	30,966	3,64,510	3,86,974	3,22,857
L. Earth-Work	25,26,346	(A)82,545	26,08,891	25,26,346	25,26,346
M. Plantations	45,869	...	45,869	45,869	45,869
O. Miscellaneous	57,290	...	57,290	57,290	57,290
P. Maintenance	26,088	...	26,088	26,088	26,088
Total, Main Canals and Branches ...	39,36,160	1,13,511	40,49,671	39,89,590	39,25,473
Carried over ...	58,76,903	1,26,463	60,03,366	59,43,630	58,75,189

(A) Represents proportionate expenditure in excavating cuts, during 1922-23.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

JA'MRA'O CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923—continued.

Heads of Account.	Direct Charges. Previous.	1922-1923.	Total.	Cost of Construction as now estimated (Construction estimate closed on 31st March 1923).	Expenditure against closed estimates.
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	58,76,903	1,26,463	60,03,366	59,43,630	58,75,189
(3) Distributaries.					
A. Preliminary Expenses	9,409	...	9,409	9,409	9,409
B. Land	11,529	...	11,529	11,529	11,529
C. Works	3,61,631	2,507	3,64,138	3,60,605	3,60,605
L. Earth-work	7,56,133	1,466	7,57,599	7,56,133	7,56,133
O. Miscellaneous	20,391	—1,851	18,540	18,540	18,540
P. Maintenance	10,041	...	10,041	10,041	10,041
Total, Distributaries ..	11,69,134	2,122	11,71,256	11,66,257	11,66,257
(4) Drainage and Protective Works.					
A. Preliminary Expenses	363	...	363	363	363
C. Works	23,824	...	23,824	23,824	23,824
L. Earth-work	31,145	...	31,145	31,145	31,145
O. Miscellaneous	9,134	...	9,134	9,134	9,134
Total, Drainage and Protective Works ...	64,466	...	64,466	64,466	64,466
(5) Special Tools and Plant.	...	2,55,757	2,55,757	...	...
Total, I.—Works ...	71,10,503	3,84,342	74,94,845	71,74,353	71,05,912
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts	15,31,065	76,993	16,08,058	15,44,352	15,29,342
3. Executive					
4. Medical	...	...	...	...	...
5. Special Survey ...	...	...	...	...	...
Total, II.—Establishment ...	15,31,065	76,993	16,08,058	15,44,352	15,29,342
III.—TOOLS AND PLANT	1,82,775	7,733	1,90,508	1,88,809	1,82,782
IV.—SUSPENSE ACCOUNTS	4,606	...	4,606	4,606	4,606
Grand Total ...	88,28,949	4,69,068	92,98,017	89,07,120	88,22,642
V.—*Less*—Receipts or Capital Account ...	981	...	981	981	981
Net Outlay ...	88,27,968	4,69,068	92,97,036	89,06,139	88,21,661
APPORTIONMENT.					
Chargeable to 49—Irrigation	87,79,885	...	87,79,885	89,06,139	88,21,661
Chargeable to 55—Construction of Irrigation Works—Provincial.	48,083	4,69,068	5,17,151		
Total ...	88,27,968	4,69,068	92,97,036	89,06,139	88,21,661

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

JA'MRA'O CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	4,78,787	1,869	4,80,606	1. Head Works ...	4,088	...	4,088
3. Sales of water ...	483	73	556	2. Main Canals and Branches ...	43,560	35,782	79,342
4. Water supply of towns ...	5	...	5	3. Distributaries ...	1,07,282	*15,665	1,22,947
5. Plantations ...	8,389	635	9,024	Total ...	1,54,930	51,447	*2,06,377
6. Other canal produce ...	2,05,153	6,121	2,11,274	II.—MAINTENANCE AND REPAIRS.			
7. Water-power ...	13	...	13	1. Head Works ...	1,74,696	46,535	2,21,231
9. Rents of buildings.	13,224	94	13,318	2. Main Canals and Branches ...	19,30,596	98,440	20,29,036
10. Fines ...	2,62,076	9,423	2,71,499	3. Distributaries ...	15,56,089	88,134	16,44,223
11. Miscellaneous Receipts ...	1,05,902	5,142	1,11,044	4. Drainage and Protective Works ...	1,024	...	1,024
12. Deduct refunds ...	37	159	196	Total ...	36,62,405	2,33,109	38,95,514
Total ...	10,73,945	23,198	10,97,143	IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS.				1 & 2. Direction and Accounts ...	29,49,128	2,34,162	31,83,290
Irrigation share of Land Revenue collected in the Civil Department.	1,31,39,423	8,22,778	1,39,62,201	Total ...	29,49,128	2,34,162	31,83,290
6per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 58 and 58-A.I., dated respectively, 29th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 t... ...	10,10,791	77,942	10,88,733	V.—TOOLS AND PLANT ...	82,015	5,286	87,301
				Deduct—Recoveries on Revenue Account ...	662	598	1,260
Total ...	1,41,50,214	9,00,720	1,50,50,934	VI.—REFUNDS OF REVENUE	1,268	...	1,268
				Suspense Account ...	— 4,440	— 125	— 4,565
Total Receipts ...	1,52,24,159	9,23,918	1,61,48,077	Total ...	68,44,644	5,23,281	73,67,925
Note.—Loss to the canal on account of difference between assessment of water-rates on jâghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-L, dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Share of Collection Charges in the Civil Department ...	4,18,790	25,094	4,43,884
				Total, direct charges...	72,63,434	5,48,375	78,11,809
Rs.				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	4,17,205	35,689	4,52,894
To end of 1921-1922. 2,39,540 Loss for 1922-1923... 13,859				Total, Charges ...	76,80,639	5,84,064	82,64,703
Total ... 2,53,399				Balance Net Revenue ...	75,43,520	3,39,854	78,83,374
Grand Total ...	1,52,24,159	9,23,918	1,61,48,077	Grand Total...	1,52,24,159	9,23,918	1,61,48,077

N.B.—Construction Estimate closed on 31st March 1902 *vide* Government Resolution No. 1796, dated 28th August 1901.
Completion Report approved in Government Resolution No. 1705, dated 30th June 1906.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

JA'MRA'O CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

		Amount.			Amount.
		Rs.			Rs.
Total interest charges to end of 1921-1922.		70,30,972			
Interest charges for the year 1922-1923 ...		3,11,649	Net revenue realized to end of 1921-1922 ...		75,48,520
On Rs. 35,84,355 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.	Rs. 2,85,447		Do. during 1922-1923 ...		3,39,854
On subsequent *outlay* Rs. 4,78,147 (from 1917-18 to 1921-22 and half of 1922-23) at the average rate 5·48 per cent.	26,202		Balance net interest charges ...		78,88,374 —5,40,753
Total ...		73,42,621	Total ...		73,42,621

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	54,147	.....	54,147
2. Leave and Pension Allowances	2,14,349	10,779	2,25,128
3. Audit and Accounts	352	3,843	4,195
Total ...	2,68,848	14,622	2,83,470
REVENUE—			
1. Capitalized abatement of Land Revenue	1,408	60	1,468
2. Leave and Pension Allowances	4,12,880	32,783	4,45,663
3. Audit and Account	2,917	2,846	5,763
Total ...	4,17,205	35,689	4,52,894

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs. 37,539 6,729 27,213 15,523 86,968 Government Resolution No. 14186, dated 20th September 1921 Do. 88, dated 27th July 1923 Do. 2955, dated 30th July 1923 Do. 1854, dated 9th February 1923.
Works ...	64,74,033	6,31,879	71,05,912	3,88,933	68,441	—3,20,492	74,94,845	
Establishment ...	11,51,054	3,78,288	15,29,342	78,716	15,010	—63,706	16,08,058	
Tools and Plant ...	1,81,762	1,020	1,82,782	7,726	1,027	—6,699	1,90,508	
Suspense Accounts ...	53	4,553	4,606	...	...	...	4,606	
Total ...	78,06,902	10,15,740	88,22,642	4,75,375	84,478	—3,90,897	92,98,017	
less—Receipts on Capital Account.	981	...	981	...	...	...	981	
Net Total ...	78,05,921	10,15,740	88,21,661	4,75,375	84,478	—3,90,897	92,97,036	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	35,896	18,251	54,147	...	...	...	54,147	
Leave and Pension Allowances ...	1,61,148	52,960	2,14,108	11,020	2,101	—8,919	2,25,128	
Audit and Account Establishment ...	...	289	289	3,906	389	—3,517	4,195	
Total ...	1,97,044	71,500	2,68,544	14,926	2,490	—12,436	2,83,470	
Grand Total ...	80,02,965	10,87,249	90,90,205	4,90,301	86,968	—4,03,333	95,80,506	

Note.—Proportionate cost of the Dipper Dredger and Hopper Barges for the Sind Public Works Depôt and excavating cuts, etc., along the Eastern Nara sanctioned in Government Resolution (Public Works Department), No. 2255, dated 14th July 1923, and No. 1598, dated 12th July 1923, respectively has been debited to this Canal. The estimated cost has been shown in the Eastern Nara Account as no details are available.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

SUKKUR CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	Direct Charges.			Cost of construction as now estimated (Construction estimate closed on 31st March 1886).	Expenditure against closed estimates.
	Previous.	1922-23.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1) Head Works.					
C. Works	2,12,211	...	2,12,211	2,12,211	2,12,211
K. Buildings	3,603	...	3,603	3,603	3,603
Total, Head Works ...	2,15,814	...	2,15,814	2,15,814	2,15,814
(2) Main Canals and Branches.					
B. Land	13,170	403	13,573	13,170	13,170
D. Regulators	35,748	...	35,748	35,748	35,748
E. Falls and Weirs ...	14,449	...	14,449	14,449	14,449
F (1). Other cross drainage works ...	12,709	...	12,709	12,709	12,709
G. Bridges	75,347	...	75,347	75,347	75,347
K. Buildings	16,336	29,241	45,577	49,328	30,011
L. Earth-work	6,84,459	...	6,84,459	6,84,459	6,84,459
M. Plantations	10,740	...	10,740	10,740	10,740
O. Miscellaneous	1,166	...	1,166	1,166	1,166
Total, Main Canals and Branches ...	8,64,124	29,644	8,93,768	8,97,116	8,77,799
Carried over ...	10,79,938	29,644	11,09,582	11,12,930	10,93,613

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

SUKKUR CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923—continued.

Heads of Account.	Direct Charges.			Cost of construction as now estimated (Construction estimate closed on 31st March 1886).	Expenditure against closed estimates.
	Previous.	1922-1923.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	10,79,938	29,644	11,09,582	11,12,930	10,93,613
(3) Distributaries.					
C. Works	63,146	...	63,146	63,146	63,146
L. Earth-work	3,861	...	3,861	3,861	3,861
O. Miscellaneous	2,205	...	2,205	2,205	2,205
Total, Distributaries ...	69,212	...	69,212	69,212	69,212
6. Water Courses— C. Works	.....	5,495	5,495	5,495	5,495
Total, I.—Works ...	11,49,150	35,139	11,84,289	11,87,637	11,68,320
II.—ESTABLISHMENT.					
1 & 2. *Direction* and Accounts ...	2,13,361	6,389	2,19,750	2,21,192	2,16,846
3. Executive					
4. Medical	.....	...	.....	.....	...
5. Special Survey	.....	...	.....	.....	...
Total, Establishment ...	2,13,361	6,389	2,19,750	2,21,192	2,16,846
III.—TOOLS AND PLANT ...	13,701	725	14,426	14,296	14,096
IV.—Suspense Accounts ...	.....	...	.....	.....	...
Grand Total ...	13,76,212	42,253	14,18,465	14,23,125	13,99,262
V.—*Less*—Receipts on Capital Account.	160	...	160	160	160
Net Outlay ...	13,76,052	42,253	14,18,305	14,22,965	13,99,102
Apportionment.					
Chargeable to 43—Minor Works and Navigation	13,56,919	...	13,56,919	14,22,965	13,99,102
Local Funds	19,133	...	19,133		
Chargeable to 55—Construction of Irrigation Works	.....	42,253	42,253		
Total ...	13,76,052	42,253	14,18,305	14,22,965	13,99,102

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

SUKKUR CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total. Previous.	1922-1923.	Total.	Charges.	Total. Previous.	1922-1923.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	48,551	1,388	49,939				
3. Sales of water ...	2	...	2	1. Head Works ...	15,425	...	15,425
5. Plantations ...	28,578	8	29,208	2. Main Canals and Branches ...	1,74,942	2,824	1,77,766
6. Other canal produce		622					
9. Rents of Buildings.	4,512	43	4,555				
10. Fines ...	9,095	1,694	10,789	3. Distributaries ...	863	...	863
11. Miscellaneous Receipts	39,122	1,074	40,196				
Total ...	1,29,860	4,829	1,34,689	Total ...	1,91,230	2,824	1,94,054
II.—INDIRECT RECEIPTS.				II.—MAINTENANCE AND REPAIRS.			
Irrigation share of Land Revenue collected in the Civil Department.	61,04,804	2,23,235	63,28,039	1. Head Works ...	6,627	...	6,627
				2. Main Canals and Branches ...	18,99,576	78,369	19,78,445
4 per cent. on $\frac{2}{3}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 53-A.I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889...	21,508	893	22,401	Total ...	19,06,203	78,369	19,85,072
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	5,49,504	30,413	5,79,917
Total ...	61,26,312	2,24,128	63,50,440	Total ...	5,49,504	30,413	5,79,917
Total, Receipts ...	62,56,172	2,28,957	64,85,129	V.—TOOLS AND PLANT ...	24,556	1,854	26,410
Carried over ...	62,56,172	2,28,957	64,85,129	Carried over ...	26,71,493	1,13,960	27,85,453

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

SUKKUR CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923—continued.

Receipts.	Total. Previous.	1922-1923.	Total.	Charges.	Total. Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	62,56,172	2,28,957	64,85,129	Brought forward ...	26,71,493	1,13,960	27,85,453
				VI.—REFUNDS OF REVENUE	119	...	119
Note.—Loss to the canal on account of difference between assessment of water-rates on jaghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				*Deduct*—Recoveries on Revenue Account ...	...	84	84
				Total ...	26,71,612	1,13,876	27,85,488
				Share of Collection Charges in the Civil Department	4,46,257	13,579	4,59,836
				Total, Direct Charges ...	31,17,869	1,27,455	32,45,324
Rs. To end of 1921-1922 2,61,179 Loss for 1922-1923 ... 3,158 Total .. 2,64,337				Indirect Charges debitable to Revenue Account as per Account No. 5	87,041	5,075	92,116
				Total, Charges ...	32,04,910	1,32,530	33,37,440
				Balance Net Revenue ...	30,51,262	96,427	31,47,689
Grand Total ...	62,56,172	2,28,957	64,85,129	Grand Total ...	62,56,172	2,28,957	64,85,129

N.B.— Construction Estimate closed on 31st March 1896, *vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 569, dated 27th March 1896.

No. 4.—Interest Account for, and to end of, 1922-23.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922 ...	26,45,245	Net Revenue realized to end of 1921-1922...	30,51,262
Interest charges for the year 1922-1923 ...	47,158	Do. during 1922-1923 ...	96,427
On Rs. 13,64,764 outlay to end of the year 1916-17 at the average rate 3·3252 per cent. ... ... Rs. 45,381			31,47,689
On subsequent outlay Rs. 32,425 (from 1917-18 to 1921-22 and half of 1922-23) at the average rate 5·48 per cent. Rs. 1,777		Balance net interest charges	4,55,286
Total ...	26,92,403	Total ...	26,92,403

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-23.

SUKKUR CANAL.

CANAL PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue ...	20,466	.....	20,466
2. Leave and Pension Allowances ...	41,295	894	42,189
3. Audit and Account Establishment ...	.....	351	351
Total ...	61,761	1,245	63,006
REVENUE—			
1. Capitalized abatement of Land Revenue	3,124	...	3,124
2. Leave and Pension Allowances	82,714	4,258	86,972
3. Audit and Accounts	1,203	817	2,020
Total ...	87,041	5,075	92,116

No. 6.—Statement comparing Charges to date with sanctioned estimates.

Particulars.	Charges against closed sanctions.			Current sanctions.				Remarks.
	Expenditure against construction estimate.	Expenditure against open capital sanctions.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.	Total charges to date against old and current sanctions.	
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	11,09,106	59,214	11,68,320	15,969	19,317	3,348	11,84,289	Government Resolution (Public Works Department), No. 2701, dated 13th February 1923—Rs. 24,471.
Establishment ...	2,05,471	11,375	2,16,846	2,904	4,346	1,442	2,19,750	*Note.*—Sanctions accorded in Government Resolution (Public Works Department), No. 3175, dated 4th December 1922, No. 3179, dated 5th December 1922, No. 3180, dated 5th December 1922 and No. 3181, dated 5th December 1922 have been included during the year 1922-23 and the expenditure against them have been included under open Capital sanctions of the project.
Tools and Plant ...	13,330	766	14,096	330	200	—130	14,426	
Total ...	13,27,907	71,355	13,99,262	19,203	23,863	4,660	14,18,465	
Less—Receipts on Capital Account ...	160	...	160	...	...	...	160	
Net Total ...	13,27,747	71,355	13,99,102	19,203	23,863	4,660	14,18,305	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	19,775	691	20,466	...	...	...	20,466	
Leave and Pension Allowances ...	40,191	1,592	41,783	406	608	202	42,189	
Audit and Accounts ...	...	191	191	160	...	—130	351	
Total ...	59,966	2,474	62,440	566	608	42	63,006	
Grand Total ...	13,87,713	73,829	14,61,542	19,769	24,471	4,702	14,81,311	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-23.

GHAR CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	Direct Charges.			Cost of construction as now estimated (Construction estimate closed on 31st March 1879).	Expenditure against closed estimates.
	Previous.	1922-1923.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(2) Main Canals and Branches.					
A. Preliminary Expenses ...	551	...	551	551	551
B. Land	10,001	...	10,001	10,001	10,001
D. Regulators ...	37,173	8,009	45,182	51,392	37,173
G. Bridges	6,346	...	6,346	6,346	6,346
K. Buildings ...	1,16,749	5,822	1,22,571	1,24,829	1,22,571
L. Earth-work ...	2,31,614	...	2,31,614	2,31,614	2,31,614
M. Plantations ...	14	...	14	14	14
O. Miscellaneous ...	16,761	...	16,761	16,761	16,761
Total Main Canals and Branches...	4,19,209	13,831	4,33,040	4,41,508	4,25,031
(3) Distributaries.					
C. Works ...	19,777	...	19,777	19,777	19,777
L. Earth-work ...	4,477	...	4,477	4,477	4,477
Total Distributaries ...	24,254	...	24,254	24,254	24,254
(4) Drainage and Protective Works.					
L. Earth-work	50,886	...	50,886	50,886	50,886
(6) Water Courses.					
C. Works	.....	9,602	9,602	9,602	9,602
Total I—Works ...	4,94,349	23,433	5,17,782	5,26,250	5,09,773
II.—ESTABLISHMENT.					
1. & 2. Direction and Accounts ...	1,06,132	4,260	1,10,392	1,12,479	1,08,936
3. Executive					
Total Establishment ...	1,06,132	4,260	1,10,392	1,12,479	1,08,936
III.—TOOLS AND PLANT ...	3,711	484	4,195	4,277	4,030
IV.—Suspense Accounts ...	.....	...	.....	.....	...
Grand Total ...	6,04,192	28,177	6,32,369	6,43,006	6,22,739
V.—*Less*—Receipts on Capital Account.	.....	...	.....	.....	...
Net Outlay ...	6,04,192	28,177	6,32,369	6,43,006	6,22,739
Apportionment.					
Chargeable to 43—Minor Works and Navigation	5,82,882	...	5,82,882	5,82,882	5,82,882
Chargeable to 55—Construction of Provincial—Irrigation Works ...	21,310	28,177	49,487	60,124	39,857
Total ...	6,04,192	28,177	6,32,369	6,43,006	6,22,739

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

GHAR CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	2,64,340	5,289	2,69,629	I.—EXTENSIONS AND IMPROVEMENTS.			
5. Plantations ...	80,742	472	83,308	1. Head Works ...	1,407	...	1,407
6. Other canal produce		2,094					
8. Navigation ...	...	44	44	2. Main Canals and Branches	4,21,628	1,217	4,22,845
9. Rents of Buildings.	24,093	35	24,128				
10. Fines	25,245	2,476	27,715	3. Distributaries ...	12,796	...	12,796
11. Miscellaneous Receipts	2,18,464	6,730	2,25,194				
Total ...	6,12,884	17,134	6,30,018	Total ...	4,35,831	1,217	4,37,048
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department.	3,27,67,460	8,97,412	3,36,64,872	II.—MAINTENANCE AND REPAIRS.			
4 per cent. on $\frac{5}{16}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A.I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889.	1,71,451	7,627	1,79,078	2. Main Canals and Branches ...	46,60,042	1,98,638	48,58,680
				3. Distributaries ...	15,675	...	15,675
				Total ...	46,75,717	1,98,638	48,74,555
				III.—COMPENSATION ...	108	...	108
Total ...	3,29,38,911	9,05,039	3,38,43,950	IV.—ESTABLISHMENT.			
Total, Receipts ...	3,35,41,795	9,22,173	3,44,63,968	1. & 2. Direction and Accounts ...	13,56,566	73,252	14,29,818
				3. Executive ...			
				Total ...	13,56,566	73,252	14,29,818
				V.—TOOLS AND PLANT ...	18,080	4,216	22,296
Carried over ...	3,35,41,795	9,22,173	3,44,63,968	Carried over ...	64,86,302	2,77,523	67,63,825

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

GHAR CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total. Previous.	1922-1923.	Total.	Charges.	Total. Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	3,35,41,795	9,22,173	3,44,63,968	Brought forward ...	64,86,302	2,77,523	67,63,825
Note.—Loss to the canal on account of difference between assessment of water-rates on Jaghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 223-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883. Rs. To end of 1921-1922. 13,65,141 Loss for 1922-1923... 35,797 Total ... 14,00,938				VI.—REFUNDS OF REVENUE	184	...	184
				Suspense Account ..	—1	...	—1
				Deduct—Recoveries on Revenue Account ...	438	...	438
				Total ...	64,86,047	2,77,523	67,63,570
				Share of Collection Charges in the Civil Department	25,97,320	54,312	26,51,632
				Total Direct Charges...	90,83,367	3,31,835	94,15,202
				Indirect Charges debitable to Revenue Account as per Account No. 5	2,23,275	12,364	2,35,639
				Total, Charges ...	93,06,642	3,44,199	96,50,841
				Balance Net Revenue ...	2,42,35,153	5,77,974	2,48,13,127
Grand Total ...	3,35,41,795	9,22,173	3,44,63,968	Grand Total ...	3,35,41,795	9,22,173	3,44,63,968

N.B.—Construction Estimate closed on 31st March 1872—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 227, dated 11th June 1895.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.			Amount.
	Rs			Rs.
Total interest charges to end of 1921-1922...	9,53,770	Net Revenue realized to end of 1921-1922.		2,42,35,153
Interest charges for the year 1922-1923 ...	22,064	Net Revenue realized during 1922-1923...		5,77,974
On Rs. 5,48,405 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.	Rs. 18,235			2,48,13,127
On subsequent outlay Rs. 69,875 (from the year 1917-18 to 1921-22 and half of 1922-23).	3,829	Balance net interest charges ...		*—2,38,37,293*
Total ...	9,75,834	Total ...		9,75,834

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

GHAR CANAL.

CANAL PROJECT.

No. 5—Account of Indirect Charges for, and to end of, 1922-23.

Particulars.	Previous.	1922-1923.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	13,954	.....	13,954
2. Leave and Pension Allowances	19,391	596	19,987
3. Audit and Accounts	178	234	412
Total ...	33,523	830	34,353
REVENUE—			
1. Capitalized abatement of Land Revenue	16,161	108	16,269
2. Leave and Pension Allowances	2,05,675	10,255	2,15,930
3. Audit and Accounts	1,439	2,001	3,440
Total ...	2,23,275	12,364	2,35,639

No. 6—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	Charges against Closed Sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction estimate.	Expenditure against open capital sanctions.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Government Resolution No. 8595 dated 1st March 1923 Rs. 20,928. *Note.*—Sanctions accorded in Government Resolution No. 2954, dated 10th November 1922, Government Resolution No. 2989, dated 2nd December 1922, and Government Resolution No. 9996, dated 11th January 1923 have been closed during 1922-1923 and the expenditure against them have been included under open Capital Sanction.
Works ...	3,38,237	1,71,536	5,09,773	8,009	16,477	8,468	5,17,782	
Establishment ...	75,554	33,382	1,08,936	1,456	3,543	2,087	1,10,392	
Tools and Plant ...	1,746	2,284	4,030	165	247	82	4,195	
Total ...	4,15,537	2,07,202	6,22,739	9,630	20,267	10,637	6,32,639	
Less—Receipts on Capital Account...	...	...	...	...	...	...	...	
Net Total ...	4,15,537	2,07,202	6,22,739	9,630	20,267	10,637	6,32,369	
INDIRECT CHARGES.								
Capitalized Abatement of Land Revenue ...	10,329	3,625	13,954	...	...	...	13,954	
Leave and Pension Allowances ...	15,111	4,672	19,783	204	496	292	19,987	
Audit and Accounts...	..	332	332	80	165	85	412	
Total ...	25,440	8,629	34,069	284	661	377	34,353	
Grand Total ...	4,40,977	2,15,831	6,56,808	9,914	20,928	11,014	6,66,722	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

ALIBHAR KACHERI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total. Previous.	1922-1923.	Total.	Charges.	Total. Previous.	1922-1923.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	25,524	953	26,477				
5. Plantations ...	5,019	...	5,411	2. Main Canals and Branches	6,484	...	6,484
6. Other canal produce		392		4. Drainage and Protective Works ...	245	...	245
8. Navigation ...	3	...	3				
10. Fines ...	130	...	130	Total ..	6,729	...	6,729
11. Miscellaneous receipts ...	4,182	175	4,357	II.—MAINTENANCE AND REPAIRS.			
Total ...	34,858	1,520	36,378	2. Main Canals and Branches	13,347	524	13,871
II.—INDIRECT RECEIPTS.				3. Distributaries ..	12,672	...	12,672
Irrigation share of Land Revenue collected in the Civil Department.	3,06,323	10,054	3,16,377	Total ...	26,019	524	26,543
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 53-A.I., dated respectively, 26th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889	20,648	840	21,488	IV.—ESTABLISHMENT. 1. & 2. Direction and Accounts ... ... 3. Executive	23,240	3,232	26,472
				Total ...	23,240	3,232	26,472
Total ...	3,26,971	10,894	3,37,865	V.—TOOLS AND PLANT...	978	103	1,081
Total, Receipts ...	3,61,829	12,414	3,74,243	VI.—REFUNDS OF REVENUE	19	...	19
				Total ...	56,985	3,859	60,844
Note.—Loss to the canal on account of difference between assessment of water-rates on jágir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883:— Rs. To end of 1921-1922...1,23,251 Loss for 1922-1923 ... 687				Share of Collection Charges in the Civil Department	25,759	660	26,419
				Total Direct Charges ...	82,744	4,519	87,263
Total .. 1,23,938				Indirect Charges debitable to Revenue Account as per Account No. 5	3,794	457	4,251
				Total, Charges ..	86,538	4,976	91,514
				Balance Net Revenue ...	2,75,291	7,438	2,82,729
Grand Total ...	3,61,829	12,414	3,74,243	Grand Total ...	3,61,829	12,414	3,74,243

N.B.—Last Capital Account detailed in the Administrative Account for 1922-23.
Construction Estimate closed on 31st March 1876—*vide* Government Resolution No. 1411, dated 12th September 1893.
Completion Report approved in Government Resolution No. 1229, dated 1st August 1894.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-23.

IRRIGATION WORKS.

ALIBHAR KACHERI CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

		Amount.			Amount.
		Rs.			Rs.
Total interest charges to end of 1921-1922	...	48,269	Net Revenue realized to end of 1921-1922.		2,75,291
Interest charges for the year 1922-1923	...	5,168			
On Rs. 23,207 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.	Rs. 772		Net Revenue realized during 1922-1923.		7,438
On subsequent outlay 80,223 at the average rate 548 per cent. ...	4,396				2,82,729
			Balance net interest charges	...	-2,29,292
	Total ...	53,437	Total	...	53,437

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.		Previous.	1922-1923.	Total.
		Rs.	Rs.	Rs.
REVENUE—				
1. Capitalized abatement of Land Revenue ...	...	.....	.....	.....
2. Leave and Pension Allowances	...	3,815	452	4,267
3. Audit and Accounts	...	—21	5	—16
	Total ...	3,794	457	4,251

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

MARAK GREAT CANAL.

CANAL PROJECT.

No. 2, Capital Account for, and to end of, 1922-1923.

Heads of Account.	Direct Charges.			Cost of construction as now estimated (Construction estimate closed on 31st March 1882).	Expenditure against closed estimates.
	Previous.	1922-1923.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS.					
(2) *Main Canals and Branches.*					
B. Land	1,062	...	1,062	1,446	1,062
D. Regulators	1,43,235	...	1,43,235	1,43,235	1,43,235
G. Bridges	929	...	929	929	929
K. Buildings	31,490	6,523	38,013	47,621	31,490
L. Earth-work	1,53,063	...	1,53,063	1,53,063	1,53,063
Total Main Canals and Branchs ...	3,29,779	6,523	3,36,302	3,46,294	3,29,779
II.—ESTABLISHMENT.					
1 and 2. Direction and Accounts ... ... 3. Executive	85,672	2,290	87,962	89,223	85,672
Total Establishment ...	85,672	2,290	87,962	89,223	85,672
III.—TOOLS AND PLANT ...	3,385	103	3,488	3,633	3,385
Grand Total ...	4,18,836	8,916	4,27,752	4,39,150	4,18,836
V.—*Less* Receipts on Capital Account.	80	...	80	80	80
Net Outlay ...	4,18,756	8,916	4,27,672	4,39,070	4,18,756
Apportionment.					
Chargeable to 43—Minor Works and Navigation	4,18,756	...	4,18,756	4,39,070	4,18,756
Chargeable to 55—Construction of Irrigation Works Provincial ...	.....	8,916	8,916		
Total ...	4,18,756	8,916	4,27,672	4,39,070	4,18,756

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

MA'RAK GREAT CANAL.

CANAL PROJECT.

No.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	1,23,478	4,141	1,27,619				
3. Sales of water ...	15	...	15	2. Main Canals and Branches	46,114	1,447	47,561
5. Plantations ...	29,940	120	32,423				
6. Other canal produce.		2,363					
8. Navigation ...	126	...	126				
9. Rents of Buildings.	143	1	144	II.—MAINTENANCE AND REPAIRS.			
10. Fines	2,395	2	2,397				
11. Miscellaneous Receipts	15,857	631	16,488	1. Head Works ...	3,416	...	3,416
Deduct—Refunds ...	150	...	150	2. Main Canals and Branches	5,29,266	32,998	5,62,264
Total ...	1,71,804	7,258	1,79,062	Total ...	5,32,682	32,998	5,65,680
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department.	34,39,096	1,35,008	35,74,104	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts	2,42,723	30,954	2,73,677
4 per cent. on $\frac{2}{3}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 53-A. I., dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July and No. 1913, dated 7th November 1889	72,564	3,551	76,115	3. Executive			
				Total ...	2,42,723	30,954	2,73,677
				V.—TOOLS AND PLANT ...	5,073	767	5,840
				VI.—REFUNDS OF REVENUE ...	40	...	40
Total ...	35,11,660	1,38,559	36,50,219	Total ...	8,26,632	66,166	8,92,798
Total Receipts ...	36,83,464	1,45,817	38,29,281	Share of Collection Charges in the Civil Department	2,61,544	8,349	2,69,893
				Total Direct Charges ...	10,88,176	74,515	11,62,691
				Indirect Charges debitable to Revenue Account as per Account No. 5	36,301	4,678	40,979
				Total, Charges ...	11,24,477	79,193	12,03,670
				Balance Net Revenue ...	25,58,987	66,624	26,25,611
Grand Total ...	36,83,464	1,45,817	38,29,281	Grand Total ...	36,83,464	1,45,817	38,29,281

Note.—Loss to the canal on account of difference between assessment of water-rates on jâghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 239-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883 :—

	Rs.
To end of 1921-1922 .	7,42,163
Loss for 1922-1923...	19,472
Total	7,61,635

N.B.—Construction Estimate closed on 31st March 1882—*vide* Government Resolution No. 1411, dated 12th September 1893 Completion Report approved in Government Resolution No. 1229, dated 1st August 1894.

IRRIGATION BRANCH. BOMBAY PRESIDENCY

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

MAHAK GREAT CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount Rs.		Amount Rs.
Total interest charges to end of 1921-1922	3,98,988	Net Revenue realized to end of 1921-1922	25,58,987
Interest charges for the year 1922-1923	18,722	Net Revenue realized during 1922-1923	66,624
On Rs. 2,07,436 outlay to end of the year 1916-17 at the average rate 3·3252 per cent. Rs. 6,897			26,25,611
On subsequent outlay ... 11,825		Balance net interest charges ...	—22,07,901
Total ...	4,17,710	Total ...	4,17,710

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue... ...	1,554	.....	1,554
2. Leave and Pension Allowances	13,957	321	14,278
3. Audit and Accounts Establishment	.....	65	65
Total ...	15,511	386	15,897
REVENUE—			
1. Capitalized Abatement of Land Revenue	772	.....	772
2. Leave and Pension Allowances	35,283	4,334	39,617
3. Audit and Accounts Establishment	246	344	590
Total ...	36,301	4,678	40,979

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-23.

MARAK GREAT CANAL.

CANAL PROJECT.

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against Closed Sanction.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open capital sanctions.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
DIRECT CHARGES.								
Works ...	1,59,516	1,70,263	3,29,779	6,523	16,515	9,992	3,36,302	
Establishment ..	32,719	52,953	85,672	2,290	3,551	1,261	87,962	
Tools and Plant ...	1,445	1,940	3,385	103	248	145	3,488	
Total ...	1,93,680	2,25,156	4,18,836	8,916	20,314	11,398	4,27,752	
Less—Receipts on Capital Account...	80	...	80	...	...	...	80	
Net Total ...	1,93,600	2,25,156	4,18,756	8,916	20,314	11,398	4,27,672	
INDIRECT CHARGES.								
Capitalized Abatement of Land Revenue ...	942	612	1,554	...	440	440	1,554	
Leave and Pension Allowances ...	6,544	7,413	13,957	321	497	176	14,278	
Audit and Accounts Establishment ...	...	...	...	65	165	100	65	
Total ...	7,486	8,025	15,511	386	1,102	716	15,897	
Grand Total ...	2,01,086	2,33,181	4,34,267	9,302	21,416	12,114	4,43,569	

Government Resolution (Public Works Department), No. 2114, dated 27th September 1923.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

SARFRAZWA'H CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	75,616	3,031	78,647				
5. Plantations... ... } 6. Other canal produce }	23,779	42 / 988	24,809	2. Main Canals and Branches	42,953	...	42,953
8. Navigation	62	...	62				
9. Rents of buildings .	7	...	7	II.—MAINTENANCE AND REPAIRS.			
10. Fines	425	...	425				
11. Miscellaneous Receipts... ...	8,045	320	8,365	2. Main Canals and Branches	3,72,396	11,938	3,81,334
12. *Deduct*—Refunds...	−1	...	−1				
Total ...	1,07,933	4,381	1,12,314	4. Drainage and Protective Works ...	6,778	...	6,778
				Total ...	3,79,174	11,938	3,91,112
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department	11,82,178	37,084	12,19,282	IV.—ESTABLISHMENT.			
4 per cent. on ¾ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A. I., dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1239, dated 10th July, and No. 1913, dated 7th November 1889	33,310	1,385	34,695	1 & 2. Direction and Accounts ... ... 3. Executive	1,47,525	10,367	1,57,892
				Total ...	1,47,525	10,367	1,57,892
				V.—TOOLS AND PLANT...	2,505	261	2,766
Total ...	1,215,488	38,469	12,53,957	VI.—REFUNDS OF REVENUE	4	...	4
Total Receipts ...	13,23,421	42,850	13,66,271	Total ...	5,72,161	22,566	5,94,727
Note.—Loss to the canal on account of difference between assessment of water-rates on Bighir lands, and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 460, dated 11th August 1883 :— Rs. To end of 1921-1922...3,76,042 Loss for 1922-1923 ... 5,926 Total... 3,81,968				Share of Collection Charges in the Civil Department	91,220	2,407	93,627
				Total Direct Charges...	6,63,381	24,973	6,88,354
				Indirect Charges debitable to Revenue Account as per Account No. 5	23,564	1,570	25,134
				Total Charges ..	6,86,945	26,543	7,13,488
				Balance Net Revenue ...	6,36,476	16,307	6,52,783
Grand Total ...	13,23,421	42,850	13,66,271	Grand Total ...	13,23,421	42,850	13,66,271

N.B.—Last Capital Account detailed in the Administrative Accounts for 1881-82. Construction Estimate closed on 31st March 1876—*vide* Government Resolution No. 1414, dated 12th September 1896. Completion Report approved in Government Resolution, No. 1229, dated 1st August 1894.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

SURFRAZWAH CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount Rs.		Amount Rs.
Total interest charges to end of 1921-1922	2,21,980	Net Revenue realized to end of 1921-1922.	6,36,476
Interest charges for the year 1922-1923 on Rs. 1,18,559 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.	3,942		16,307
		Net Revenue realized during 1922-1923...	6,52,783
Subsequent outlay—Nil.		Balance net interest charges ...	—4,26,861
Total ...	2,25,922	Total ...	2,25,922

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	1,278	.....	1,278
2. Leave and Pension Allowances	22,069	1,451	23,520
3. Audit and Accounts Establishment...	217	119	336
Total ...	23,564	1,570	25,134

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

FULELI CANAL.

CANAL-PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	Direct Charges.			Cost of construction as now estimated (construction estimate closed on 31st March 1926).	Expenditure against closed estimates.
	Previous.	1922-1923.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1) Head Works.					
C. Works	66,278	...	66,278	66,278	66,278
K. Buildings	4,012	...	4,012	4,012	4,012
Total Head Works ...	70,290	...	70,290	70,290	70,290
(2) *Main Canal and Branches.*					
A. Preliminary Expenses ...	43,303	5,000	48,303	71,483	43,303
B. Land	7,456	...	7,456	7,456	7,456
D. Regulators	4,53,200	1,70,955	6,24,155	8,00,626	2,13,773
G. Bridges	36,992	...	36,992	36,992	36,992
H. Escapes	2,44,313	...	2,44,313	2,44,313	2,44,313
K. Buildings	45,000	8,003	53,003	69,401	44,078
L. Earth-work	8,30,837	...	8,30,837	8,30,837	8,30,837
O. Miscellaneous ...	26,347	...	26,347	26,347	26,347
Total Main Canals and Branches ...	16,87,448	1,83,958	18,71,406	20,87,455	14,47,094
(3) *Distributaries.*					
B. Land	667	...	667	667	667
C. Works	65,540	...	65,540	65,540	65,540
L. Earth-work	32,160	...	32,160	32,160	32,160
Total Distributaries ...	98,367	...	98,367	98,367	98,367
Total I—Works ...	18,56,105	1,83,958	20,40,063	22,56,112	16,15,751
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	4,31,452	64,573	4,96,025	5,03,648	3,50,601
3. Executive ...					
Total Establishment ...	4,31,452	64,573	4,96,025	5,03,648	3,50,601
III.—TOOLS AND PLANT ...	11,772	2,913	14,685	23,540	9,398
IV.—Suspense Accounts ...	.....	...	.....	.....	...
Grand Total ...	22,99,329	2,51,444	25,50,773	27,83,300	19,75,150
V.—Less Receipts on Capital Account.	504	...	504	504	504
Net Outlay ...	22,98,825	2,51,444	25,50,269	27,82,796	19,74,646
Apportionment.					
Chargeable to 43.—Minor Works and Navigation	21,22,765	...	21,22,765	27,82,796	19,74,646
Chargeable to 55.—Construction of Irrigation Works. ...	1,76,060	2,51,444	4,27,504		
Total ...	22,98,825	2,51,444	25,50,269	27,82,796	19,74,646

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

FULELI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	15,07,821	45,517	15,53,338	2. Main Canals and Branches. ...	4,17,020	13,102	4,30,122
3. Sales of water ...	3,573	148	3,721	3. Distributaries ...	28,517	...	28,517
5. Plantations ...	1,81,161	191	1,92,541				
6. Other canal produce		11,189					
8. Navigation ...	74,867	354	75,821	Total ...	4,45,537	13,102	4,58,639
9. Rents of buildings,	7,716	19	7,735				
10. Fines	17,098	2,109	19,207	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous Receipts	1,95,030	7,458	2,02,488				
12. *Deduct*—Refunds...	347	862	1,209	1. Head Works ...	169	...	169
Total ..	19,86,919	66,723	20,53,642	2. Main Canals and Branches ...	56,33,155	1,19,690	57,52,845
				3. Distributaries ...	1,155	...	1,155
II.—INDIRECT RECEIPTS							
Irrigation share of Land Revenue collected in the Civil Department	2,09,86,233	6,58,101	2,16,39,334	Total ...	56,34,479	1,19,690	57,54,169
4 per cent. on $\frac{9}{16}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 53-A. I., dated respectively 20th June and 1st August 1883, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889	3,01,940	21,436	3,23,376	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	18,68,964	1,30,799	19,99,763
				Total ...	18,68,964	1,30,799	19,99,763
Total ...	2,12,88,173	6,74,537	2,19,62,710				
				V.—TOOLS AND PLANT ...	47,537	3,348	50,885
Total, Receipts ...	2,32,75,092	7,41,260	2,40,16,352				
Carried over ...	2,32,75,092	7,41,260	2,40,16,352	Carried over ...	79,96,517	2,66,939	82,63,456

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

FULELI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923—continued.

Receipts.	Total. Previous.	1922-1923.	Total.	Charges.	Total. Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought over ...	2,32,75,092	7,41,260	2,40,16,352	Brought over ...	79,96,517	2,66,939	82,63,456
				VI.—REFUNDS OF REVENUE	3,730	...	3,730
Note.—Loss to the canal on account of difference between assessment of water-rates on jághir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-L, dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Suspense Account ...	7,344	—4,552	2,792
				Deduct Recoveries on Revenue Account ...	—68	—60	—128
				Total ...	80,07,523	2,62,327	82,69,850
Rs. To end of 1921-1922. 63,39,558 Loss for 1922-1923. 1,79,386 Total ... 65,18,944				Share of Collection Charges in the Civil Department	16,82,252	42,035	17,24,287
				Total, Direct Charges ...	96,89,775	3,04,362	99,94,137
				Indirect Charges debitable to Revenue Account as per Account No. 5	3,07,540	19,993	3,27,533
				Total, Charges ...	99,97,315	3,24,355	1,03,21,670
				Balance Net Revenue ...	1,32,77,777	4,16,905	1,36,94,682
Grand Total ...	2,32,75,092	7,41,260	2,40,16,352	Grand Total ...	2,32,75,092	7,41,260	2,40,16,352

N.B.—Construction Estimate closed on 31st March 1893—*vide* Government Resolution No. 1035, dated 27th June 1894. Completion Report approved in Government Resolution No. 1035, dated 27th June 1894.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

FULELI CANAL—*continued.*

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Rs.	Amount Rs.		Amount Rs.
Total interest charges to end of 1921-1922		30,30,757	Net Revenue realized to end of 1921-1922	1,32,77,777
Interest charges for the year 1922-1923		91,396	Net Revenue realized during 1922-1923.	4,16,905
On Rs. 19,24,515 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.	63,994			1,36,94,682
On subsequent outlay Rs. 5,00,032 (from 1917-18 to 1921-22 and half of 1922-23) at the average rate 5·48 per cent.	27,402		Balance net interest charges ...	—1,05,72,529
Total ...		31,22,153		31,22,153

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue ...	14,412	818	15,230
2. Leave and Pension Allowances ...	69,773	9,040	78,913
3. Audit and Accounts Establishment ...	1,291	1,840	3,131
Total ...	85,576	11,698	97,274
REVENUE—			
1. Capitalized abatement of Land Revenue ...	17,146	353	17,499
2. Leave and Pension Allowances ...	2,88,775	18,312	3,07,087
3. Audit and Accounts Establishment ...	1,619	1,328	2,947
Total ...	3,07,540	19,993	3,27,533

No. 6.—Statement comparing Charges to date with sanctioned Estimate

Particulars.	Charges against Closed Sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction estimate.	Expenditure against open capital sanctions.	Total.	Charges to date.	Amount of sanctioned estimate.	Unspent balance of estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Works ...	9,84,801	6,30,950	16,15,751	4,24,312	6,40,361	2,16,049	20,40,063	G. G. (P.W.D.) No. 1648 dated 7th November 1921 ... 7,61,948
Establishment ...	2,00,468	1,49,533	3,50,001	1,46,024	1,53,647	7,623	4,96,025	G. R. (P.W.D.) No. 1671 dated 14th November 1922 ... 81,532
Tools and Plant ...	1,325	8,073	9,398	5,287	14,142	8,855	14,685	G. R. (P.W.D.) No. 1971 dated 6th March 1923 ... 81,842
Total ...	11,86,594	7,88,556	19,75,150	5,75,623	8,08,150	2,32,527	25,50,773	3,56,922.
Less—Receipts on Capital Account.	21	483	504	...	...	...	504	
Net Total ...	11,86,573	7,88,073	19,74,646	5,75,623	8,08,150	2,32,527	25,50,269	
INDIRECT CHARGES.								
Capitalized Abatement of Land Revenue.	6,800	7,612	14,412	818	5,727	4,909	15,230	
Leave and Pension Allowances.	37,536	20,933	58,469	20,444	21,510	1,066	78,913	
Audit and Accounts...	...	...	...	3,131	535	—2,596	3,131	
Total ...	44,336	28,545	72,881	24,393	27,772	3,379	97,274	
Grand Total ...	12,30,909	8,16,618	20,47,527	6,00,016	8,35,922	2,35,906	26,47,543	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

HASANALIWAH CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	2,486	—3	2,483	2. Main Canals and Branches	25,190	148	25,338
5. Plantations ...	3	...	3				
6. Other canal produce	2,986	590	3,576	II.—MAINTENANCE AND REPAIRS.			
9. Rents of buildings.	1	...	1				
10. Fines	839	38	877	2. Main Canals and Branches	2,18,704	21,967	2,40,671
11. Miscellaneous receipts	4,561	—193	4,368				
Total ...	10,876	432	11,308	IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS.				1. & 2. Direction and Accounts ... 3. Executive	88,707	16,652	1,05,359
Irrigation share of Land Revenue collected in the Civil Department ...	6,84,268	39,270	7,23,538	Total ..	88,707	16,652	1,05,359
4 per cent. on $\frac{6}{10}$ ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58 A. L., dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ... a.	8,207	724	8,931	V.—TOOLS AND PLANT ...	2,589	385	2,974
				Total ...	3,35,190	39,152	3,74,342
Total ...	6,92,475	39,994	7,32,469	Share of Collection Charges in the Civil Department	41,252	2,326	43,578
Total, Receipts ...	7,03,351	40,426	7,43,777				
Note.—Loss to the canal on account of difference between assessment of water rates on jâghir lands and assessment at the ordinary rates in force for Govt. lands noted here per Govt. of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883 :—				Total Direct Charges ...	3,76,442	41,478	4,17,920
				Indirect Charges debitable to Revenue Account as per Account No. 5	12,586	2,552	15,138
Rs.							
To end of 1921-1922 . 33,263				Total Charges ...	3,89,028	44,030	4,33,058
Loss for 1922-1923 ... 1,170				Balance Net Revenue ...	3,14,323	—3,604	3,10,719
Total ... 34,433							
Grand Total ...	7,03,351	40,426	7,43,777	Grand Total ...	7,03,351	40,426	7,43,777

N.B.—Last Capital Account detailed in the Administrative Accounts for 1911-12. Construction Estimate closed on 31st March 1907—*vide* Government Resolution No. 1602, dated 15th July 1907. Completion Report approved in Government Resolution No. 1802, dated 15th July 1907.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

HASANALIWAH CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-22.	1,81,857	Net Revenue realized to end of 1921-22.	3,14,323
Interest charges for the year 1922-23 ...	9,641	Net Revenue realized during 1922-23 ...	—*3,604*
			3,10,719
On Rs. 2,89,929 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.		Balance net interest charges ...	—1,19,221
Subsequent Outlay *nil*	...		
Total ...	1,91,498	Total ...	1,91,498

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue ...	.....	.....	...
2. Leave and Pension Allowances	12,419	2,331	14,750
3. Audit and Accounts	167	221	388
Total ...	12,586	2,552	15,138

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-23.

NAULAKHI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-23.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	...	435	435	2. Main Canals and Branches ...	...	276	276
6. Other canal produce ...	...	197	197				
8. Navigation ...	...	45	45				
10. Fines ...	...	20	20	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous receipts ...	...	180	180	2. Main Canals and Branches ...	...	25,955	25,955
Total ...	...	877	877				
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department ...	...	1,47,639	1,47,639	1 & 2. Direction and Accounts 3. Executive	...	18,416	18,416
4 per cent, on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A. I., dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1909, dated 10th July, and No. 1913, dated 7th November 1889.	...	718	718	Total ...	...	18,416	18,416
				V.—TOOLS AND PLANT.	...	415	415
Total ...	...	1,48,357	1,48,357	Total ...	...	45,062	45,062
Total Receipts ...	...	1,49,234	1,49,234				
Carried over ...	...	1,49,234	1,49,234	Carried over ...	...	45,062	45,062

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

NAULAKHI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-23.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought over ...	...	1,49,234	1,49,234	Brought over ...	...	45,062	45,062
Note.—Loss to the canal on account of difference between assessment of water-rates on jaghir lands and and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Share of collection charges in the Civil Department ...	...	8,884	8,884
				Direct charges ...	...	53,946	53,946
				Indirect Charges debitable to Revenue Accounts as per Account No. 5 ...	...	2,840	2,840
Rs.							
To end of 1921-1922				Total Charges...	...	56,786	56,786
Loss for 1922-1923 ... 4,657							
Total ... 4,657				Balance Net Revenue .	...	92,448	92,448
Grand Total ...	...	1,49,234	1,49,234	Grand Total ...	...	1,49,234	1,49,234

N.B.—Last Capital Account the abondoned project detailed in the Administrative Accounts for 1903-1904.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

IRRIGATION WORKS—NAULAKHI CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922 ...	3,308	Net revenue realized to end of 1921-1922 ...	...
Interest charges for the year 1922-1923 ...	170	Do. during 1922-1923 ...	92,448
On Rs. 5,112 capital outlay to end of the year 1916-17 at the average rate 3·3252 per cent.			92,448
Subsequent outlay *nil.*		Balance net interest charges	-88,970
Total ...	3,478	Total ...	3,478

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	.....	.....	.....
2. Leave and Pension Allowances	33	.....	33
3. Audit and Accounts	.....	.....	.....
Total ...	33	.....	33
REVENUE			
1. Capitalized abatement of Land Revenue	.....	.....	.....
2. Leave and Pension Allowances	.....	2,578	2,578
3. Audit and Accounts	.....	262	262
Total ...	.....	2,840	2,840

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

IRRIGATION WORKS—NAWLAKHI CANAL.

CANAL PROJECT.

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works	...	...	...	4,876	9,72,019	9,67,143	4,876	Project sanctioned by the Secretary of State in Despatch No. 51-P. W., dated 5th December 1895, communicated in Government of India No. 5-I., dated 14th January 1896—*vide* Government Resolution No. W. L.-145, dated 30th item. The date for the construction of the work extended for a further period of 5 years from 6th December 1910, *vide* Government of India letter No. 1270-1., dated 21st December 1910, communicated in Government Resolution (Public Works) No. 79, dated 17th January 1911.
Establishment	...	...	...	236	2,31,493	2,31,257	236	
Tools and Plant ...	...	...	...	...	14,423	14,423	...	
Total ...	...	...	...	5,112	12,17,935	12,12,823	5,112	
Less.—Receipts on Capital Account	...	...	...	...	...	...	...	
Net Total ...	...	..	...	5,112	12,17,935	12,12,823	5,112	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	...	...	...	...	12,470	12,470	...	
Leave and Pension Allowances	...	...	...	33	32,149	32,116	33	
Total ...	...	...	...	33	44,619	44,586	33	
Grand Total ...	...	...	...	5,145	12,62,554	12,57,409	5,145	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-23.

KALRI CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1922-23.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated.	Expenditure against closed estimates.
	Previous.	1922-23.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(2) *Main Canals and Branches.*					
K. Buildings	.....	747	747	1,248	.....
Total, Main Canals and Branches...	.....	747	747	1,248	.....
Total I.—Works ...	(a)60,623	747	61,370	61,871	60,623
II.—ESTABLISHMENT.					
1 and 2. Direction and Accounts ...	9,602	136	9,738	9,870	9,602
3. Executive					
Total, Establishment ...	9,602	136	9,738	9,870	9,602
III.—TOOLS AND PLANT ...	95	15	110	114	95
Grand Total ...	70,320	898	71,218	71,855	70,320
V.—*Less*—Receipts on Capital Account	.....	.....	.....	.....	.....
Net Outlay ...	70,320	898	71,218	71,855	70,320
Apportionment.					
Chargeable to 55—Construction of Irrigation Works	.....	898	898	71,855	70,320
Chargeable to 15—Other Revenue Expenditure	70,320	.....	70,320		
Total ...	70,320	898	71,218	71,855	70,320

(a) Previous Capital outlay brought forward as the Canal has been reclassified under the head "55—Construction of Irrigation Work (Productive)" *vide* G. R. (P. W. D.), No. 1606, dated 19th July 1923.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-23.

KALRI CANAL.

No. 3.—Revenue Account for, and to end of, 1922-23.

Receipts.	Total. Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.			
1. Water-rates from Irrigation ...	...	210	210
5. Plantations ...	...	...	...
6. Other canal produce ...	...	365	365
11. Miscellaneous receipts ...	...	100	100
Total ...	..	675	675
II.—INDIRECT RECEIPTS.			
Irrigation share of Land Revenue collected in the Civil Department.	...	43,697	43,697
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 53-A.I., dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889.	...	633	633
Total ...	...	44,330	44,330
Total Receipts ...	...	45,005	45,005

Note.—Loss to the canal on account of difference between assessment of water-rates on Jaghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 283-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.

	Rs.
To end of 1921-22 ...	...
Loss for 1922-23 ...	4,657
	4,657

Charges.	Total. Previous.	1922-23.	Total.
	Rs.	Rs.	Rs.
I.—EXTENSIONS AND IMPROVEMENTS ...	...	305	305
II.—MAINTENANCE AND REPAIRS ...	...	37,553	37,553
IV.—ESTABLISHMENT.			
1 and 2. Direction and Accounts ...	...	6,883	6,883
3. Executive ...			
Total ...	...	6,883	6,883
V.—TOOLS AND PLANT.	...	804	804
Less—Receipts on Revenue Account...	...	23	23
Total ...	...	45,522	45,522
Share of Collection Charges in the Civil Department ...	...	2,634	2,634
Indirect Charges debitable to Revenue Account as per Account No. 5 ...	...	1,343	1,343
Total Charges ...	...	49,499	49,499
Balance Net Revenue.	...	4,494	4,494
GRAND TOTAL ...	...	45,005	45,005

Old work originally classed under "Works for which only Revenue Accounts are kept" has been reclassified under the head "55—Construction of Irrigation Works" according to the instructions given in paragraph 18 of the Government of India, P.W.D. Circular No. 3-P.W.D. dated 24th September 1921.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-23.

IRRIGATION WORKS.

KALRI CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1922-23.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-22.	...	Net Revenue realized to end of 1921-22.	...
Interest charges for the year 1922-1923.	2,488		
On Rs. 64,524 outlay to end of the year 1916-17 at the average rate 3·3252 per cent. Rs. 2,146		Net Revenue realized during 1922-1923.	—4,494
On Rs. 6,245 from the year 1917-18 to 1921-22 and half of 1922-23 at the average rate 5·48 per cent. 342			—4,494
		Balance net interest charges ...	6,982
Total ...	2,488	Total ...	2,488

No. 5.—Account of Indirect Charges for, and to end of, 1922-23.

Particulars.	Previous.	1922-23.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue ...	.....	.....	.....
2. Leave and Pension Allowances ...	1,344 (a)	19	1,363
3. Audit and Accounts Establishment ...	.....	7	7
Total ...	1,344	26	1,370
REVENUE—			
1. Capitalized abatement of Land Revenue ...	.....	.....	.....
2. Leave and Pension Allowances ...	.....	964	964
3. Audit and Accounts Establishment ...	.....	379	379
Total ...	.....	1,343	1,343

(a) *Vide* note under No. 2, Capital Account.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-23.

IRRIGATION WORKS.

KALRI CANAL.

CANAL PROJECT.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against Construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	60,623	...	60,623	747	1,248	501	61,370	
Establishment ...	9,602	...	9,602	136	268	132	9,738	
Tools and Plant ...	95	...	95	15	19	4	110	
Suspense Accounts ...	...	...	...	...	...	...	...	
Total ...	70,320	...	70,320	898	1,535	637	71,218	
Less—Receipts on Capital Account	...	...	...	...	...	...	...	
Net Total ...	70,320	...	70,320	898	1,535	637	71,218	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	...	...	...	...	...	...	...	
Leave and Pension Allowances	1,344	...	1,344	19	38	19	1,363	
Audit and Accounts Establishment	...	...	...	7	12	5	7	
Total ...	1,344	...	1,344	26	50	24	1,370	
Grand Total ...	71,664	...	71,664	924	1,585	661	72,588	G. R. (P.W.D.), No. 2459, dated 1st September 1922.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

PINJARI CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated.	Expenditure against closed estimates.
	Previous.	1922-23.	Total.		
1	2	3	4	5	6
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS.					
(2) *Main Canals and Branches.*					
D. Regulators	.....	500	500	2,155	.....
K. Buildings	.....	10,601	10,601	22,294	.....
Total, Main Canals and Branches...	.....	11,101	11,101	24,449	.....
Total I.—Works ...	(a) 4,78,414	11,101	4,89,515	5,02,863	4,78,414
II.—ESTABLISHMENT.					
1 and 2. Direction and Accounts ...	1,09,898	2,018	1,11,916	1,15,154	1,09,898
3. Executive					
Total, Establishment ...	1,09,898	2,018	1,11,916	1,15,154	1,09,898
III.—TOOLS AND PLANT ...	1,823	229	2,052	2,190	1,823
IV.—Suspense Accounts ...	.....	.....	...	.....	.....
Grand Total ...	5,90,135	13,348	6,03,483	6,20,207	5,90,135
V.—*Less*—Receipts on Capital Account	.....	.....	.....	.....	.....
Net Outlay ...	5,90,135	13,348	6,03,483	6,20,207	5,90,135
Apportionment.					
Chargeable to 55—Construction of Irrigation Works	.....	13,348	13,348	6,20,207	5,90,135
Do. 15 Other Revenue Expenditure ...	5,90,135	.....	5,90,135		
Total ...	5,90,135	13,348	6,03,483	6,20,207	5,90,135

(a) Previous Capital outlay brought forward as the Canal has been reclassified under the head "55—Construction of Irrigation Works (Productive)" *vide* G. R. (P.W.D.), No. 1606, dated 19th July 1923.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

PINYARI CANAL.

No. 8.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS ...	...	16,178	16,178
1. Water-rates from Irrigation ...	...	250	250	II.—MAINTENANCE AND REPAIRS ...	...	1,02,869	1,02,869
5. Plantations ...	...	342	342				
6. Other canal produce ...	...	200	200	IV.—ESTABLISHMENT.			
8. Navigation ...	...	9	9				
10. Fines ...	...	190	190	1 and 2. Direction and Accounts ...	...	21,643	21,643
11. Miscellaneous receipts ...	..	3,765	3,765	3. Executive ...			
Total ...	...	4,756	4,756				
II.—INDIRECT RECEIPTS.				Total ...	...	21,643	21,643
Irrigation share of Land Revenue collected in the Civil Department.	...	2,64,057	2,64,057	V.—TOOLS AND PLANT.	...	2,510	2,510
4 per cent., on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A.I., dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1918, dated 7th November 1889.	...	5,015	5,015	VI.—REFUNDS OF REVENUE ...	...	...	...
				Less—Receipts on Revenue Account ...	...	52	52
Total ..	...	2,69,072	2,69,072	Total ..	...	1,43,148	1,43,148
Total Receipts ...	...	2,73,828	2,73,828				
Note.—Loss to the canal on account of difference between assessment of water-rates on Jagbir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 938-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Share of Collection Charges in the Civil Department ...	...	15,870	15,870
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	...	4,220	4,220
Rs.				Total Charges ...	...	1,63,238	1,63,238
To end of 1921-1922							
Loss for 1922-1923 ... 8,016				Balance Net Revenue...	...	1,10,590	1,10,590
Total ... 8,016							
Grand Total ...	...	2,73,828	2,73,828	Grand Total ...	...	2,73,828	2,73,828

Old work originally classed under "Works for which only Revenue Accounts are kept" has been reclassified under the head "55—Construction of Irrigation Works" according to the instructions given in paragraph 18 of the Government of India, P. W. D. Circular No. 3, P. W., dated 24th September 1921.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

IRRIGATION WORKS.

PINJARI CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-22. ...		Net Revenue realized to end of 1921-22...	..
Interest charges for the year 1922-23 ...	21,957		
On Rs. 4,98,777 outlay to end of the year 1916-17 at the average rate 3·3252 per cent. Rs. 16,585		Net Revenue realized during 1922-23 ...	1,10,590
			1,10,590
On subsequent outlay, Rs. 98,032 at the average rate 5·48 per cent. 5,372		Balance net interest charges ...	—88,633
Total ...	21,957	Total ...	21,957

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue ...	.....	.....	.....
2. Leave and Pension Allowances	(*a*) 15,387	283	15,670
3. Audit and Accounts Establishment ...	.....	111	111
Total ...	15,387	394	15,781
REVENUE—			
1. Capitalized abatement of Land Revenue ...	.....	.....	.....
2. Leave and Pension Allowances	.....	3,030	3,030
3. Audit and Accounts Establishment ...	.....	1,190	1,190
Total ...	.....	4,220	4,220

(*a*) *Vide* note under 2, Capital Account.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-23.

IRRIGATION WORKS.

PINYARI CANAL.

CANAL PROJECT.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.
	Expenditure against Construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	4,78,414	...	4,78,414	11,101	24,449	13,348	4,89,515	G. R. No. 2136 (P.W.D.), dated 14th August 1922 ... Rs. 11,750 G. R. No. 3144 (P.W.D.), dated 4th January 1923 ... 16,566 G. R. No. 3553 (P.W.D.), dated 17th February 1923 ... 2,737 Rs. 31,053
Establishment ...	1,09,898	...	1,09,898	2,018	5,256	3,238	1,11,916	
Tools and Plant ...	1,823	...	1,823	229	367	138	2,052	
Suspense Accounts ...	...	...	...	...	...	...	...	
Total ...	5,90,135	...	5,90,135	13,348	30,072	16,724	6,03,483	
Less—Receipts on Capital Account ...	...	...	...	...	...	...	...	
Net Total ...	5,90,135	...	5,90,135	13,348	30,072	16,724	6,03,483	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	...	...	...	...	...	...	...	
Leave and Pension Allowances ...	15,387	...	15,387	283	736	453	15,670	
Audit and Accounts Establishment ...	...	...	...	111	245	134	111	
Total ...	15,387	...	15,387	394	981	587	15,781	
Grand Total ...	6,05,522	...	6,05,522	13,742	31,053	17,311	6,19,264	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

INDUS CANALS RIGHT BANK.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated (Construction estimate closed during 1921-1922).	Expenditure against closed estimates.
	Previous.	1922-1923.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS ...	(a) 73,467	.....	73,467	73,467	73,467
II.—ESTABLISHMENT.					
1 and 2. Direction and Accounts ...					
3. Executive	13,087	.....	13,087	13,087	13,087
Medical					
Special Survey					
Total Establishment ...	13,087	.....	13,087	13,087	13,087
III.—TOOLS AND PLANT ...	373	.....	373	373	373
IV.—Suspense Accounts ...	...	.....	.....	.....	.....
Grand Total ...	86,927	.....	86,927	86,927	86,927
V.—*Less*—Receipts on Capital Account	...	.....	.....	.....	.....
Net Outlay ...	86,927	.....	86,927	86,927	86,927
Apportionment.					
Chargeable to 15—Other Revenue expenditure	86,927	.....	86,927	86,927	86,927
Total ...	86,927	.....	86,927	86,927	86,927

(a) Previous outlay to end of the year 1921-22 brought forward as the Canal has been reclassified under the head "55, Construction of Irrigation Works" G. R. (P.W.D.), No. 1608, dated 19th July 1923.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

INDUS CANALS RIGHT BANK.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water rates from Irrigation ...	...	259	259	1. Head Works ...			
2. Fines ...	...	9	9	2. Main Canals and Branches ...			
3. Miscellaneous receipts ...	...	73	73	3. Distributaries ...	...	...	...
				4. Drainage and Protective Works			
Total ...	...	341	341	Total ...	...	...	...
II.—INDIRECT RECEIPTS.				II.—MAINTENANCE AND REPAIRS.			
Irrigation share of Land Revenue collected in the Civil Department ...	...	67,766	67,766	1. Head Works ...			
				2. Main Canals and Branches ...			
				3. Distributaries ...	...	21,523	21,523
				4. Drainage and Protective Works ...			
4 per cent., on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 63 and 65-A./I., dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1309, dated 10th July, and No. 1918, dated 7th November 1889 ..	...	1,952	1,952	Total ...	...	21,523	21,523
				III.—COMPENSATION ...	...	...	...
				IV.—ESTABLISHMENT.			
				1 and 2. Direction and Accounts ...	...	3,913	3,913
				3. Executive ...			
Total ...	...	69,718	69,718	Total ...	...	3,913	3,913
				V.—TOOLS AND PLANT	...	444	444
Total Receipts ...	...	70,059	70,059	Profit and Loss—			
				VI.—REFUNDS OF REVENUE ...	...	...	...
Note.—Loss to the canal on account of difference between assessment of water-rates on Jaghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 283-I., dated 14th June 1888, communicated under Government Resolution No. 400, dated 11th August 1888 ...	...	...	...	Suspense Account ...	...	...	...
				Total ...	...	25,880	25,880
				Share of Collection Charges in the Civil Department ...	...	4,082	4,082
				Total Direct Charges...	...	29,962	29,962
Rs.							
To end of 1921-22... ...				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	...	763	763
Loss for 1922-23 ... 110							
Total ... 110				Total Charges ...	...	30,725	30,725
				Balance Net Revenue...	...	39,334	39,334
Grand Total ...	...	70,059	70,059	Grand Total ...	...	70,059	70,059

Old work originally classed under "Works for which only Revenue Accounts are kept" has been reclassified under the head "55. Construction of Irrigation Works" according to the instructions given in paragraph 19 of the Government of India, Public Works Department Circular No. 8-P.W., dated 24th September 1921.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

IRRIGATION WORKS.

INDUS CANALS RIGHT BANK.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922	...	Net Revenue realized to end of 1921-1922 as per Part III	...
Interest charges for the year 1922-1923 Rs.	3,855	Net Revenue realized during 1922-1923 as per Part III	39,334
On Rs. 42,156 outlay to end of the year 1916-17 at the average rate 3·3252 per cent. ...	1,402	Total Net Revenue realized to end of the year as per Part III ...	39,334
On subsequent outlay Rs. 44,771 at the average rate 5·48 per cent.	2,453	Balance net interest charges ...	-35,479
Total ...	3,855	Total ...	3,855

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
CAPITAL ACCOUNT—			
1. Capitalized abatement of Land Revenue ...	.....	.....	.....
2. Leave and Pension Allowances ...	(a) 1,833	.....	1,833
3. Audit and Accounts Establishment ...	.....	.....	.....
Total ...	1,833	.....	1,833
REVENUE ACCOUNT—			
1. Capitalized abatement of Land Revenue ...	.....	.....	.....
2. Leave and Pension Allowances ...	.....	548	548
3. Audit and Accounts Establishment ...	.....	215	215
Total ...	.. ..	763	763

(a) *Vide* note under No. 2, Capital Account.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

IRRIGATION WORKS.

INDUS CANALS RIGHT BANK.

No. 6.—Statement comparing Capital cost to end of 1922-1923 with sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against Construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	73,467	...	73,467	...	...	...	73,467	
Establishment ...	13,087	...	13,087	...	...	...	13,087	
Tools and Plant ...	373	...	373	...	...	...	373	
Suspense Accounts ...	...	...	...	...	...	...	...	
Total ...	86,927	...	86,927	...	...	...	86,927	
Less—Receipts on Capital Account ...	...	...	...	...	...	...	...	
Net Total ...	86,927	...	86,927	...	...	...	86,927	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	...	...	...	...	...	...	...	
Leave and Pension Allowances ...	1,833	...	1,833	...	...	...	1,833	
Total ...	1,833	...	1,833	...	...	...	1,833	
Grand Total ...	88,760	...	88,760	...	...	...	88,760	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-23.

INDUS CANALS—LEFT BANK.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated. (Construction estimate closed during 1921-1922.)	Expenditure against closed estimates.
	Previous.	1921-1922.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
Works	(a) 2,09,896	.....	2,09,896	2,09,896	2,09,896
II.—ESTABLISHMENT.					
1 and 2. Direction and Accounts 3. Executive ... ... 4. Medical ... ... 5. Special Survey	42,557	.....	42,557	42,557	42,557
Total, Establishment ...	42,557	.....	42,557	42,557	42,557
III.—TOOLS AND PLANT ...	525	.....	525	525	525
Grand Total ...	2,52,978	.....	2,52,978	2,52,978	2,52,978
V.—*Less*—Receipts on Capital Account	.....	.....	.....	.....	.....
Net Outlay	2,52,978	.....	2,52,978	2,52,978	2,52,978
Apportionment.					
Chargeable to 15-Other Revenue Expenditure	2,52,978	.....	2,52,978	2,52,978	2,52,978
Total ...	2,52,978	.....	2,52,978	2,52,978	2,52,978

(a) Previous outlay to end of the year 1921-22 brought forward as the Canal has been reclassified under the head 55—Construction of Irrigation Works, Productive *vide* Government Resolution, Public Works Department, No. 1606, dated 30th July 1923.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

INDUS CANALS LEFT BANK.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1921-1922.	Total.		Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	...	652	652	1. Head Works ...			
6. Other canal produce ...	...	15	15	2. Main Canals and Branches ...	...	10,874	10,874
10. Fines ...	...	348	348	3. Distributaries ...			
11. Miscellaneous receipts ...	...	199	199	4. Drainage and Protective Works ...			
				Total ...	...	10,874	10,874
Total ...	...	1,214	1,214	II.—MAINTENANCE AND REPAIRS.			
				1. Head Works ...			
II.—INDIRECT RECEIPTS.				2. Main Canals and Branches ...	...	30,778	30,778
				3. Distributaries ...			
Irrigation share of Land Revenue collected in the Civil Department	...	1,07,092	1,07,092	4. Drainage and Protective Works ...			
				Total ..	...	30,778	30,778
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 56-A. I., dated respectively 20th June and 1st August 1889, communicated in Government Resolution No., 1200, dated 10th July, and No. 1913, dated 7th November 1889	...	2,389	2,389	IV.—ESTABLISHMENT. 1 and 2. Direction and Accounts .. 3. Executive ...	...	7,573	7,573
				Total ...	...	7,573	7,573
				V.—TOOLS AND PLANT.	...	899	899
				VI.—REFUNDS OF REVENUE ...	...	...	...
Total ...	...	1,09,481	1,09,481	*Less*—Receipts on Revenue Account ...	...	39	39
Total Receipts ...	...	1,10,695	1,10,695	Total. ...	...	50,085	50,085
Note.—Less to the canal on account of difference between assessment of water-rates on jagbir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Share of Collection Charges in the Civil Department ...	...	6,486	6,486
				Total Direct Charges...	...	56,571	56,571
				Indirect charges debitable to Revenue Account as per Account No. 5. ...	...	1,477	1,477
Rs.							
To end of 1921-1922				Total charges ...	...	58,048	58,048
Loss for 1922-1923 ... 1,375							
Total ... 1,375				Balance Net Revenue .	...	52,647	52,647
Grand Total ...	...	1,10,695	1,10,695	Grand Total ..		1,10,695	1,10,695

Note.— Old work originally classed under works for which only revenue accounts are kept has been reclassified under the head 55.—Construction of Irrigation Works according to the instructions given in paragraph 18 of the Government of India, Public Works Department Circular No. 3-P. W., dated 24th September 1921.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

IRRIGATION WORKS.

INDUS CANALS LEFT BANK.

Part IV.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922	.....	Net Revenue realized to end of 1921-1922 as per Part III ...	.....
Interest charges for the year 1922-1923	9,364	Net Revenue realized during 1922-1923 as per Part III ...	52,647
On Rs. 2,08,774 outlay to end of the year 1916-17 at the average rate 3·3252 per cent. ... Rs. 6,942		Total Net Revenue realized to end of the year as per Part III ...	52,647
On subsequent outlay at the average rate 5·48 per cent. ... Rs. 2,422		Balance net interest charges ...	—43,283
Total ...	9,364	Total ...	9,364

Part V.—Account of Indirect Charges for, and to end of, year 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
CAPITAL ACCOUNT—			
2. Leave and Pension Allowances	(a) 5,960	.....	5,960
3. Audit and Accounts Establishment	.....	.....	.....
Total ...	5,960	.....	5,960
REVENUE ACCOUNT—			
2. Leave and Pension Allowances	.....	1,060	1,060
3. Audit and Accounts Establishment	.....	417	417
Total ...	.....	1,477	1,477

Part VI.—Statement comparing Capital Cost to end of 1922-1923 with sanctioned Estimates.

Particulars.	Charges against closed sanctions.			Current sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctioned.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
DIRECT CHARGES.								
Works ...	2,09,896	...	2,09,896	...	...	...	2,09,896	
Establishment ...	42,557	...	42,557	...	...	...	42,557	
Tools and Plant ...	525	...	525	...	...	...	525	
Total ...	2,52,978	...	2,52,978	...	...	...	2,52,978	
Less—Receipts on Capital Account	...	...	...	...	...	...	...	
Net Total ...	2,52,978	...	2,52,978	...	...	...	2,52,978	
INDIRECT CHARGES.								
Leave and Pension Allowances	5,960	..	5,960	...	...	...	5,960	
Total ...	5,960	...	5,960	...	...	...	5,960	
Grand Total ...	2,58,938	...	2,58,938	...	...	...	2,58,938	

(a) *Vide* note under No. 2, Capital Account.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

SIND CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	Direct Charges.			Cost of construction as now estimated (Construction estimate closed during 1921-1922.	Expenditure against closed estimates.
	Previous.	1922-23.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS	(a) 7,44,183	.....	7,44,183	7,44,183	7,44,183
II.—ESTABLISHMENT.					
1 and 2. Direction and Accounts ...					
3. Executive	72,955	.....	72,955	72,955	72,955
4. Medical					
5. Special Survey					
Total Establishment ..	72,955	.....	72,955	72,955	72,955
III.—TOOLS AND PLANT ..	1,044	.....	1,044	1,044	1,044
IV.—Suspense Accounts ...	.....	.....	...	.....	.....
Grand Total ...	8,18,182	.....	8,18,182	8,18,182	8,18,182
V.—*Less*—Receipts on Capital Account	.....	.....	...	.....	.....
Net Outlay ...	8,18,182	.....	8,18,182	8,18,182	8,18,182
Apportionment.					
Chargeable to 43—Minor Works and Navigation	8,18,182	.....	8,18,182	8,18,182	8,18,182
Total ...	8,18,182	.....	8,18,182	8,18,182	8,18,182

(a) Previous outlay to end of the year 1921-22 brought forward as the Canal has been reclassified under the head "55, Construction of Irrigation Works (Productive)" G. R. (P. W. D.), No. 1606, dated 20th July 1923.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

SIND CANAL.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1923-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	...	2,829	2,829	1. Head Works ...			
5. Plantations ...	...	9	9	2. Main Canals and Branches ...			
6. Other canal produce.	..	438	438	3. Distributaries ...	...	6,121	6,121
9. Rents of buildings.	...	18	18	4. Drainage and Protective Works ...			
10. Fines ...	...	80	80				
11. Miscellaneous receipts ...	...	1,281	1,281				
				Total ...	...	6,121	6,121
Total ...	...	4,655	4,655	II.—MAINTENANCE AND REPAIRS.			
II.—INDIRECT RECEIPTS.				1. Head Works ...			
				2. Main Canals and Branches ...			
Irrigation share of Land Revenue collected in the Civil Department.	...	3,12,754	3,12,754	3. Distributaries ...	...	61,793	61,793
4 per cent., on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 53-A.I., dated respectively 20th June and 1st August 1899, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1899 ...	...	8,609	8,609	4. Drainage and Protective Works ...			
				Total ...	...	61,793	61,793
Total ...	...	3,21,363	3,21,363	IV.—ESTABLISHMENT.			
				1 and 2. Direction and Accounts ...			
Total Receipts ...	...	3,26,018	3,26,018	3. Executive ...	...	12,347	12,347
				Total ...	...	12,347	12,347
Note.—Loss to the canal on account of difference between assessment of water-rates on Jaghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				V.—TOOLS AND PLANT.	...	1,402	1,402
				Total ...	...	81,663	81,663
				Share of Collection Charges in the Civil Department ...	...	18,938	18,938
				Total direct chages ...	...	1,00,601	1,00,601
Rs.							
To end of 1921-22				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	...	2,408	2,408
Loss for 1922-23 ... 6,211							
Total ... 6,211				Total Charges ...	...	1,03,009	1,03,009
				Balance Net Revenue...	...	2,23,009	2,23,009
Grand Total ...	...	3,26,018	3,26,018	Grand Total ...	...	3,26,018	3,26,018

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

IRRIGATION WORKS.

SIND CANAL.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-22. ...		Net Revenue realized to end of 1921-22 as per Part III	...
Interest charges for the year 1922-23 ...	29,383		
	Rs.	Net Revenue realized during 1922-23 as per Part III	2,23,009
On Rs. 7,17,153 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.	23,847		
		Total Net Revenue realized to end of the year as per Part III ...	2,23,009
On subsequent outlay Rs. 1,01,029 at the average rate 5·48 per cent. ...	5,536	Balance net interest charges ...	—1,93,626
Total ...	29,383	Total ...	29,383

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
CAPITAL ACCOUNT—			
1. Capitalized abatement of Land Revenue ...	.....	.....	.....
2. Leave and Pension Allowances	(a) 10,217	.....	10,217
3. Audit and Accounts Establishment ...	.....	.....	.....
Total ...	10,217	.....	10,217
REVENUE ACCOUNT—			
1. Capitalized abatement of Land Revenue ...	.....	.....	.....
2. Leave and Pension Allowances	.....	1,729	1,729
3. Audit and Accounts Establishment ...	.....	679	679
Total ...	.....	2,408	2,408

(a) *Vide* note under No. 2, Capital Account.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

IRRIGATION WORKS.

SIND CANAL.

No. 6.—Statement comparing Capital cost to end of 1922-1923, with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against Construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of Sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	7,44,183	...	7,44,183	...	...	...	7,44,183	
Establishment ...	72,955	...	72,955	...	...	...	72,955	
Tools and Plant ...	1,044	...	1,044	...	...	...	1,044	
Suspense Accounts ...	...	...	...	...	...	...	...	
Total ...	8,18,182	...	8,18,182	...	...	...	8,18,182	
Less—Receipts on Capital Account ...	...	...	...	...	...	...	...	
Net Total ...	8,18,182	...	8,18,182	...	...	...	8,18,182	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	...	...	...	...	...	...	...	
Leave and Pension Allowances ...	10,217	...	10,217	...	...	...	10,217	
Total ...	10,217	...	10,217	...	...	...	10,217	
Grand Total ...	8,28,399	...	8,28,399	...	...	...	8,28,399	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-23.

RAJIB, CHITI AND GARANJ CANALS.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1922-23.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated (Construction estimate closed during 1921-22.	Expenditure against closed estimates.
	Previous.	1922-23.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I—WORKS	(a) 2,33,447	.....	2,33,447	2,33,447	2,33,447
II.—ESTABLISHMENT.					
1 and 2. Direction and Accounts ...					
3. Executive	26,239	.....	26,239	26,239	26,239
4. Medical					
5. Special Survey					
Total Establishment ...	26,239	.....	26,239	26,239	26,239
III.—TOOLS AND PLANT ...	-170	.....	-170	-170	-170
Grand Total ...	2,59,516	.....	2,59,516	2,59,516	2,59,516
Net Outlay ...	2,59,516	.....	2,59,516	2,59,516	2,59,516
Apportionment.					
Chargeable to 15 Other revenue expenditure	2,59,516	.....	2,59,516	2,59,516	2,59,516
Total ...	2,59,516	.....	2,59,516	2,59,516	2,59,516

(a) Previous outlay to end of the year 1921-22 brought forward in previous column as the Canals have been reclassified under the head 55, Construction of Irrigation Works as per Government Resolution (Public Works Department), No. 1506, dated 20th July 1923.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-23.

RAJIB, CHITI AND GARANJ CANALS.

CANAL PROJECT.

No. 3.—Revenue Accounts for, and to end of, 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	...	614	614	1. Head Works ...			
6. Other canal produce.	...	98	98	2. Main Canals and Branches ...	...	...	...
10. Fines ...	...	153	153	3. Distributaries ...			
11. Miscellaneous receipts ...	...	98	98	4. Drainage and Protective Works ...			
Total ...	...	963	963	Total ...	...	...	...
II.—INDIRECT RECEIPTS.				II.—MAINTENANCE AND REPAIRS.			
Irrigation share of Land Revenue collected in the Civil Department.	...	1,02,058	1,02,058	1. Head Works ...			
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 58 & 58-A.L., dated respectively 10th June and 1st August 1889, communicated in Government Resolution No. 1909, dated 10th July, and No. 1913, dated 7th November 1889 ...	...	2,010	2,010	2. Main Canals and Branches ...	...	17,277	17,277
				3. Distributaries ...			
				4. Drainage and Protective Works ...			
Total ...	...	1,04,068	1,04,068	Total ...	...	17,277	17,277
Total Receipts ...	...	1,05,031	1,05,031	IV.—ESTABLISHMENT.			
Note.—Loss to the canal on account of difference between assessment of water-rates on jaghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 338-I., dated 14th June 1888, communicated under Government Resolution No. 400, dated 11th August 1888.				1 & 2. Direction and Accounts ...	...	3,141	3,141
				3. Executive ...			
				Total ...	...	3,141	3,141
				V.—TOOLS AND PLANT.	...	357	357
				Total ...	...	20,775	20,775
				Share of Collection Charges in the Civil Department ...	...	6,161	6,161
				Indirect charges debitable to Revenue Account as per Account No. 5 ...	...	613	613
Rs.							
To end of 1921-22							
Loss for 1922-23 ... 2,022*				Total Charges...	...	27,549	27,549
				Balance Net Revenue	...	77,482	77,482
Total ... 2,022							
Grand Total ...	...	1,05,031	1,05,031	Grand Total ...	...	1,05,031	1,05,031

Note.—Old work originally classed under works for which only revenue Accounts are kept has been reclassified under the head "55, Construction of Irrigation Works", according to the instructions given in paragraph 18 of the Government of India, Public Works Department, Circular No. 3-P.W., dated 24th September 1921.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

IRRIGATION WORKS.

RAJIB, CHITI AND GARANJ CANALS.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-22. ...		Net Revenue realized to end of 1921-22 as per Part III ...	...
Interest charges for the year 1922-23 ...	8,819	Net Revenue realized during 1922-1923 as per Part III	77,482
On Rs. 2,50,772 outlay to end of the year 1916-17 at the average Rs. rate 3·3252 per cent. ...	8,339	Total Net Revenue realized to end of the year as per Part III ...	77,482
On subsequent outlay Rs. 8,744 at the average rate 5·48 per cent.	480	Balance net interest charges ...	—68,663
Total ...	8,819	Total ...	8,819

No. 5.—Account of Indirect charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
CAPITAL ACCOUNT—			
1. Capitalized abatement of Land Revenue ...	.....	.....	.....
2. Leave and Pension Allowances	(a)3,670	.....	3,670
3. Audit and Accounts Establishment ...	.....	.....	.....
Total ...	3,670	.....	3,670
REVENUE ACCOUNT—			
1. Capitalized abatement of Land Revenue ...	.....	.....	.....
2. Leave and Pension Allowances ...	.....	440	440
3. Audit and Accounts Establishment ..	.....	173	173
Total ...	.....	613	613

(a) *Vide* note under No. 2 Capital Account.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-23.

IRRIGATION WORKS.

RAJIB, CHITI AND GABANJ CANALS.

No. 6—Statement Comparing Capital Cost to end of 1922-23 with sanctioned Estimates.

Particulars.	Charges against closed sanctions.			Current sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
DIRECT CHARGES.								
Works ...	2,33,447	...	2,33,447	...	...	...	2,33,447	
Establishment ...	26,239	...	26,239	...	...	...	26,239	
Tools and Plant ...	−170	...	−170	...	...	...	−170	
Suspense Accounts ...	...	...	...	...	...	...	...	
Total ...	2,59,516	...	2,59,516	...	...	...	2,59,516	
Less—Receipts on Capital account ...	...	...	..	...	...	...	...	
Net Total ...	2,59,516	...	2,59,516	...	...	...	2,59,516	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	...	...	...	...	...	...	...	
Leave and Pension Allowances ...	3,670	...	3,670	...	...	...	3,670	
Total ...	3,670	...	3,670	...	...	...	3,670	
Grand Total ...	2,63,186	...	2,63,186	...	...	...	2,63,186	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

CANALS IN ROHRI.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	Direct Charges.			Cost of construction as now estimated (Construction estimate closed during 1922-1923.	Expenditure against closed estimates.
	Previous.	1922-1923.	Total.		
I—WORKS	(a) 1,47,284	.....	1,47,284	1,47,284	1,47,284
II.—ESTABLISHMENT.	Rs.	Rs.	Rs.	Rs.	Rs.
1 and 2. Direction and Accounts ...					
3. Executive					
4. Medical	19,175	.....	19,175	19,175	19,175
5. Special Survey					
Total Establishment ...	19,175	.....	19,175	19,175	19,175
III.—TOOLS AND PLANT ...	—76	.....	—76	—76	—76
IV.—Suspense Accounts ...	.....	.....	...	.....	.....
Grand Total ...	1,66,383	.....	1,66,383	1,66,383	1,66,383
V.—*Less*—Receipts on Capital Account	.....	.....	..	.....	.....
Net Outlay ...	1,66,383	.....	1,66,383	1,66,383	1,66,383
Apportionment.					
Chargeable to 15—Other revenue expenditure	1,66,383	.....	1,66,383	166,383	166,383
Total ...	1,66,383	.....	1,66,383	166,383	166,383

(a) Previous outlay to end of the year 1921-1922 brought forward as the Canal has been reclassified under the head 55—Construction of Irrigation Works—Productive, *vide* Government Resolution (P. W. D.) No. 1606, dated the 19th July 1923.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

CANALS IN ROHRI.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	...	1,552	1,552	1. Head Works ...			
5. Plantations ...	...	11	11	2. Main Canals and Branches ...			
6. Other canal produce ...	...	1,498	1,498	3. Distributaries ...	...	481	481
9. Rents of buildings.	...	3	3	4. Drainage and Protective Works ...			
10. Fines ...	...	262	262				
11. Miscellaneous receipts ...	...	690	690	Total ...	...	481	481
Total ...	...	4,016	4,016	II.—MAINTENANCE AND REPAIRS.			
II.—INDIRECT RECEIPTS.				1. Head Works ...			
				2. Main Canals and Branches ...			
Irrigation share of Land Revenue collected in the Civil Department	...	1,64,859	1,64,859	3. Distributaries ...	...	80,167	80,167
				4. Drainage and Protective Works ...			
¼ per cent., on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A.I., dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889.				Total ...	...	80,167	80,167
				IV.—ESTABLISHMENT.			
				1 and 2. Direction and Accounts ...			
	...	4,644	4,644	3. Executive ...	...	14,662	14,662
Total ...	...	1,69,503	1,69,503	Total ...	...	14,662	14,662
Total Receipts ...	...	1,73,519	1,73,519	V.—TOOLS AND PLANT.	...	4,540	4,540
				Less—Receipts on Revenue Account ...	...	2,875	2,875
Note.—Loss to the canal on account of difference between assessment of water-rates on Jaghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Total ...	...	96,975	96,975
				Share of Collection Charges in the Civil Department ...	...	9,957	9,957
				Total Direct Charges...	...	1,06,932	1,06,932
Rs.				Indirect Charges debitable to Revenue Account as per			
To end of 1921-1922 ...				Account No. 5 ...	...	2,859	2,859
Loss for 1922-1923 ... 26,058							
Total ... 26,058				Total Charges ...	...	1,09,791	1,09,791
				Balance Net Revenue...	...	63,728	63,728
Grand Total ...	...	1,73,519	1,73,519	Grand Total ...	...	1,73,519	1,73,519

N.B.—Old work, originally classed under works for which only revenue accounts are kept, has been reclassified under the head "55—Construction of Irrigation Works" according to the instructions given in paragraph 18 of the Government of India, P. W. D., Circulars No. 3-P. W., dated 24th September 1921.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

IRRIGATION WORKS.

CANALS IN ROHRI.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922. ...		Net Revenue realized to end of 1921-1922 as per Part III	...
Interest charges for the year 1922-1923.	6,593	Net Revenue realized during 1922-1923 as per Part III	63,728
On Rs. 1,17,144 outlay to end of the year 1916-17 at the average rate 3·3252 per cent. Rs. 3,895		Total Net Revenue realized to end of the year as per Part III ...	63,728
On subsequent outlay Rs. 49,239 at the average rate 5·48 per cent. 2,698		Balance net interest charges ...	—57,135
Total ...	6,593	Total ...	6,593

No. 5.—Account of Indirect Charges for, and to end of, year 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
CAPITAL ACCOUNT—			
1. Capitalized abatement of Land Revenue ...	.....	.....	.....
2. Leave and Pension Allowances	(a) 2,684	.....	2,684
3. Audit and Accounts Establishment ...	.....	.....	.....
Total ...	2,684	.....	2,684
REVENUE ACCOUNT—			
1. Capitalized abatement of Land Revenue ...	.....	.....	.....
2. Leave and Pension Allowances	.....	2,053	2,053
3. Audit and Accounts Establishment ...	.....	806	806
Total ...	.....	2,859	2,859

(a) *Vide* note under No. 2, Capital Account.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

IRRIGATION WORKS.

CANALS IN ROHRI.

No. 6.—Statement comparing Capital Cost to end of 1922-1923 with sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	REMARKS.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	1,47,284	...	1,47,284	...	...	...	1,47,284	
Establishment ...	19,175	...	19,175	...	...	...	19,175	
Tools and Plant ...	—76	...	—76	...	...	...	—76	
Suspense Accounts ...	...	...	...	...	...	...	...	
Total ...	1,66,383	...	1,66,383	...	...	...	1,66,383	
Less—Receipts on Capital Account ...	...	...	...	...	...	...	...	
Net Total ...	1,66,383		1,66,383	...	...	...	1,66,383	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	...	...	...	...	...	...	...	
Leave and Pension Allowances ...	2,684	...	2,684	...	...	...	2,684	
Total ...	2,684	...	2,684	...	...	...	2,684	
Grand Total ...	1,69,067	...	1,69,067	...	...	...	1,69,067	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

CHITI CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated.	Expenditure against closed estimates.
	Previous.	1922-23.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS.					
(2) *Main Canals and Branches.*					
K. Buildings	.....	4,775	4,775	4,825	.....
Total, Main Canals and Branches...	.....	4,775	4,775	4,825	.....
Total I.—Works ...	.....	4,775	4,775	4,825	.....
II.—ESTABLISHMENT.					
1 and 2. Direction and Accounts ...	.....	868	868	1,037	.....
3. Executive					
4. Medical					
Total, Establishment ...	.....	868	868	1,037	.....
III.—TOOLS AND PLANT ...	.....	99	99	72	.....
Grand Total ...	.....	5,742	5,742	5,934	.....
V.—Less—Receipts on Capital Account	.....	.....	.....	.....	.....
Net Outlay ...	.....	5,742	5,742	5,934	.....
Apportionment.					
Chargeable to 55—Construction of Irrigation Work—Provincial ...	.....	5,742	5,742	5,934	.....
Total ...	.....	5,742	5,742	5,934	.....

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

CHITI CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-22.	...	Net Revenue realized to end of 1921-22.	...
Interest charges for the year 1922-23 ...	157	Net Revenue realized during 1922-23 ...	...
On Rs. 2,871 half outlay for the year 1922-23 at the average rate 5·48 per cent.	...	Balance net interest charges ...	157
Total ...	157	Total ...	157

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
CAPITAL.	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue ...	.....	.....	.....
2. Leave and Pension Allowances	.....	122	122
3. Audit and Accounts	.....	48	48
Total ...	.....	170	170

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Government Resolution (Public Works Department) No. 3273, dated 3rd January 1923.
Works ...	...	...	...	4,775	4,825	50	4,775	
Establishment ...	...	...	...	868	1,037	169	868	
Tools and Plant ...	...	...	...	99	72	−27	99	
Total ...	...	...	...	5,742	5,934	192	5,742	
Less—Receipts on Capital Account ...	...	...	...	...	...	...	...	
Net Total ...	...	...	...	5,742	5,934	192	5,742	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	...	...	...	...	...	...	...	
Leave and Pension Allowances ...	...	...	...	122	152	30	122	
Audit and Accounts ...	...	...	...	48	48	...	48	
Total ...	...	...	...	170	200	30	170	
Grand Total ..	...	...	...	5,912	6,134	222	5,912	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

SUKKUR BARRAGE PROJECT.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	DIRECT CHARGES.			Cost of Construction as now estimated.	Expenditure against closed estimates.
	Previous.	1922-1923.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(2)—Main Canals and Branches.					
A. Preliminary Expenses ...	1,35,608	2,33,738	3,69,346	5,86,709	.....
Total, Main Canals and Branches ...	1,35,608	2,33,738	3,69,346	5,86,709	.....
Total, I.—Works ...	1,35,608	2,33,738	3,69,346	5,86,709	.....
II.—ESTABLISHMENT.					
5. Special Survey	1,52,925	1,62,113	3,15,038	4,10,414	.....
Total Establishment ...	1,52,925	1,62,113	3,15,038	4,10,414	.....
III.—TOOLS AND PLANT	91,581	18,811	1,10,392	1,07,376	.....
IV.—SUSPENSE ACCOUNTS	48	—48	...	.....	.....
Grand Total ...	3,80,162	4,14,614	7,94,776	11,04,499	.....
V —*Less*—Receipts on Capital Account	65	204	269	.....	.....
Net Outlay ...	3,80,097	4,14,410	7,94,507	11,04,499	.....
Apportionment.					
Chargeable to 49—Irrigation ...	12,599	.....	12,599	11,04,499	.....
Chargeable to 55—Construction of Irrigation Works Provincial ...	3,67,498	4,14,410	7,81,908		
Total ...	3,80,097	4,14,410	7,94,507	11,04,499	.....

No. 4.—Interest Account for, and to end of 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922	12,255	Net Revenue realized to end of 1921-1922.	...
Interest charges for the year 1922-1923...	32,190	Net Revenue realized during 1922-1923...	...
On Rs.—284 outlay to end of the year 1916-1917 at the average rate 3·3252 per cent., Rs.—9			...
		Balance net interest charges ...	44,445
On Rs. 5,87,586 outlay from the year 1917-1918 to 1921-1922 and half of 1922-1923, Rs. 32,199			
Total ...	44,445	Total ...	44,445

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

SUKKUR BARRAGE PROJECT.

CANAL PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	Nil	...	...
2. Leave and Pension Allowances	21,410	22,696	44,106
3. Audit and Accounts	1,338	2,337	3,675
Total ..	22,748	25,033	47,781

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	...	...	...	3,69,346	5,86,709	2,17,363	3,69,346	
Establishment ...	...	...	...	3,15,038	4,10,414	95,376	3,15,038	
Tools and Plant ...	...	...	...	1,10,392	1,07,376	—3,016	1,10,392	
Suspense Accounts ...	...	...	...	...	...	...	...	
Total ...	...	...	...	7,94,776	11,04,499	3,09,723	7,94,776	
Less—Receipts on Capital Account	...	...	...	269	...	—269	269	
Net Total ...	...	..	...	7,94,507	11,04,499	3,09,992	7,94,507	
INDIRECT CHARGES.								
Leave and Pension Allowances ...	...	...	...	44,106	...	—44,106	44,106	
Audit and Accounts ...	...	...	...	3,675	...	—3,675	3,675	
Total ..	...	...	...	47,781	...	—47,781	47,781	
Grand Total ...	..	...	...	8,42,288	11,04,499	2,62,211	8,42,288	Sanction to estimate for close containing the area commanded by the Sukkur Barrage Canal Project was obtained in Government Resolution (Public Works Department) No. W. I.—16160, dated 24th October 1921.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-23.

GARKING CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1922-23.

Heads of Account.	Direct Charges.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1922-23.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses ...	.....	2,220	2,220	200	.....
B. Land	.....	.....	.....	3,475	.....
D. Regulators	.....	8,489	8,489	16,088	.....
G. Bridges	.....	.....	.....	4,104	.....
K. Buildings	.....	.....	.....	3,000	.....
L. Earth-work	.....	6,978	6,978	28,773	.....
O. Miscellaneous	.....	1,346	1,346	9,730	.....
Total, Main Canals and Branches...	.....	19,033	19,033	59,370	.....
(3)—*Distributaries.*					
C. Works	.....	.....	.....	15,219	.....
Total, Distributaries ...	.....	.....	.....	15,219	.....
Total I.—Works ...	.....	19,033	19,033	74,589	.....
II.—ESTABLISHMENT.					
1 and 2. Direction and Accounts ...	.....	3,460	3,460	16,037	.....
3. Executive ...	.....				.....
Total, Establishment ...	.....	3,460	3,460	16,037	.....
III.—TOOLS AND PLANT ...	.....	393	393	1,119	.....
IV.—Suspense Accounts ...	.....	.....	.....	.....	.....
Grant Total ...	.....	22,886	22,886	91,745	.....
V.—*Less*—Receipts on Capital Account	.....	.....	.....	.....	.....
Net Outlay ..	.....	22,886	22,886	91,745	.....
Apportionment.					
Chargeable to 55—Construction of Irrigation Works—Provincial ...	.....	22,886	22,886	91,745	.....
Total ...	.....	22,886	22,886	91,745	.....

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-23.

IRRIGATION WORKS.

GARKINO CANAL.

No. 4.—Interest Account for, and to end of, 1922-23.

	Amount.		Amount.
	Rs.		Rs
Total interest charges to end of 1921-1922 ...	...	Net Revenue realized to end of 1921-1922...	...
Interest charges for the year 1922-1923 ...	627	Net Revenue realized during 1922-1923 ...	...
On Rs. 11,443, half outlay during the year 1922-23 at the average rate 5·48 per cent.		Balance net interest charges	627
Total ...	627	Total ...	627

No. 5.—Account of Indirect Charges for, and to end of, 1922-23.

Particulars.	Previous.	1922-23.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	.....	.....	.....
2. Leave and Pension Allowances	.....	484	484
3. Audit and Accounts Establishment	.....	190	190
Total ...	.....	674	674

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

CANAL PROJECT.

Particulars.	Charges against closed sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against Construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	G. R. (P.W.D.), No. 2965, dated 6th February 1923.
Works ...	...	...	...	19,033	74,589	55,556	19,033	
Establishment ...	...	...	...	3,460	16,037	12,577	3,460	
Tools and Plant ...	...	...	...	393	1,119	726	393	
Total ...	...	...	...	22,886	91,745	68,859	22,886	
Less—Receipts on Capital account	...	...	...	...	...	...	...	
Net Total ...	...	...	...	22,886	91,745	68,859	22,886	
INDIRECT CHARGES.								
Leave and Pension Allowances ...	...	...	...	484	2,245	1,761	484	
Audit and Accounts Establishment ...	...	...	...	190	746	556	190	
Total ...	...	...	...	674	2,991	2,317	674	
Grand Total ...	...	...	...	23,560	94,736	71,176	23,560	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-23.

ARORE CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1922-23.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated.	Expenditure against closed estimates.
	Previous.	1922-23.	Total.		
I.—Works.	Rs.	Rs.	Rs.	Rs.	Rs.
(2) *Main Canals and Branches.*					
K. Buildings	.....	11,114	11,114	11,335	.....
Total, I—Works	.....	11,114	11,114	11,335	.....
II.—Establishment.					
1 and 2. Direction and Accounts ...	... ..	2,038	2,038	2,437	.....
3. Executive					
Total, Establishment ...	.....	2,038	2,038	2,437	.....
III.—Tools and Plant ...	.....	302	302	170	.....
Grand Total ...	.....	13,454	13,454	13,942	.....
V.—*Less*—Receipts on Capital Account ...	.....	.....	...	.....	.....
Net Outlay ...	.....	13,454	13,454	13,942	.....
Apportionment.					
Chargeable to 55—Construction of Irrigation Works—Provincial ...	.....	13,454	13,454	13,942	.....
Total ...	.....	13,454	13,454	13,942	.....

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-23.

IRRIGATION WORKS.

AROBE CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1922-23.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922		Net Revenue realized to end of 1921-1922 ...	...
Interest charges for the year 1922-1923 ...	369	Net Revenue realized during 1922-1923 ...	...
On Rs. 6,727 half outlay for 1922-23 at the average rate 5·48 per cent.		Balance net interest charges	369
Total ...	369	Total ...	369

No. 5.—Account of Indirect Charges for, and to end of, 1922-23.

Particulars.	Previous.	1922-23.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue ...	.....	.....	.....
2. Leave and Pension Allowances ...	.....	285	285
3. Audit and Accounts Establishment ...	.....	111	111
Total ...	.....	396	396

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	Charges against closed sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against Construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	...	...	...	11,114	11,335	221	11,114	G. R. (P. W. D.), Nos. 3274, dated 3rd January 1923 and 3274, dated 27th March 1923.
Establishment ...	...	...	...	2,038	2,437	399	2,038	
Tools and Plant ...	...	...	...	302	110	—192	302	
Total ...	...	...	...	13,454	13,882	428	13,454	
Net Total ...	...	...	...	13,454	13,882	428	13,454	
INDIRECT CHARGES.								
Leave and Pension Allowances ...	...	...	...	285	341	56	285	
Audit and Accounts Establishment ...	...	...	...	111	114	3	111	
Total ...	...	...	...	396	455	59	396	
Grand Total ...	...	...	...	13,850	14,337	487	13,850	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

GADIKERI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				II.—MAINTENANCE AND REPAIRS.			
1. Water-rates from Irrigation ...	8,959	...	8,959	1. Head Works	8,338	...	8,338
5. Plantation ...	90	...	90	2. Main Canals and Branches ...	802	496	1,298
6. Other canal produce				Total ...	9,140	496	9,636
Total ...	9,049	...	9,049	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	2,471	971	3,442
				3. Executive			
II.—INDIRECT RECEIPTS.				Total ..	2,471	971	3,442
Irrigation share of Land Revenue collected in the Civil Department ...	80,573	2,355	82,928	V.—TOOLS AND PLANT ...	95	22	117
				VI.—REFUNDS OF REVENUE.	2,021	...	2,021
Total, Receipts ...	89,622	2,355	91,977				
				Total ...	13,727	1,489	15,216
				Share of Collection Charges in the Civil Department .	8,956	236	9,192
				Total, Direct Charges...	22,683	1,725	24,408
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	351	141	492
				Total, Charges ...	23,034	1,866	24,900
				Balance Net Revenue ...	66,588	489	67,077
Grand Total ..	89,622	2,355	91,977	Grand Total ...	89,622	2,355	91,977

N.B.—Last Capital Account detailed in the Administrative Accounts for 1905-1906. Construction Estimate closed on 31st March 1882 —*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 101, dated 18th January 1894.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

GADIKERI TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-22.	19,017	Net Revenue realized to end of 1921-22.	66,588
Interest charges for the year 1922-23 ...	544	Net Revenue realized during 1922-23 ...	489
On Rs. 16,863 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.			67,077
Subsequent outlay *nil*	...	Balance net interest charges ...	−47,516
Total ..	19,561	Total ...	19,561

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	345	136	481
3. Accounts and Audit	6	5	11
	351	141	492

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

MAVINKOP TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
				1. Head Works ...	1,440	...	1,440
5. Plantations ...	28	...	28	3. Distributaries ...	158	...	158
6. Other canal produce.				Total ...	1,598	...	1,598
11. Miscellaneous Receipts	169	...	169	II.—MAINTENANCE AND REPAIRS.			
				1. Head Works ...	4,223	...	4,223
				2. Main Canals and Branches ...	2,549	174	2,723
Total ...	197	...	197	3. Distributaries ..	348	...	348
				Total ...	7,120	174	7,294
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department.	65,229	2,022	67,251	1 & 2. Direction and Accounts ... 3. Executive ..	6,400	341	6,741
				Total ...	6,400	341	6,741
				V.—TOOLS AND PLANT .	190	8	198
				Total ...	15,308	523	15,831
Total, Receipts ...	65,426	2,022	67,448	Share of Collection Charges in the Civil Department ...	6,532	202	6,734
				Total, Direct Charges ...	21,840	725	22,565
				Indirect Charges debitable to Revenue Account as per Account No. 5	906	50	956
				Total, Charges ...	22,746	775	23,521
				Balance Net Revenue ...	42,680	1,247	43,927
Grand Total ...	65,426	2,022	67,448	Grand Total ...	65,426	2,022	67,448

N.B.—Last Capital Account detailed in the Administrative Accounts for 1901-1902. Construction Estimate closed on 31st March 1901—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1138, dated 16th July 1894.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR. 1922-1923.

MAVINKOP TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-22.	47,090	Net Revenue realized to end of 1921-22.	42,680
Interest charges for the year 1922-23 ...	1,004	Net Revenue realized during 1922-23 ...	1,247
On Rs. 39,185 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.	...		43,927
Subsequent outlay *nil*	...	Balance net interest charges ...	4,167
Total ...	48,094	Total ...	48,094

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue ...	...	...	...
2. Leave and Pension Allowances	896	48	944
3. Audit and Accounts	10	2	12
Total ...	906	50	956

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-23.

SHARADA CHANNEL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1922-23.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated (Construction estimate closed during 1921-22).	Expenditure against closed estimates.
	Previous.	1922-23.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—Works	(a) 29,535	.....	29,535	29,535	29,535
II.—ESTABLISHMENT.					
1 and 2. Direction and Accounts ...	32,161	.....	32,161	32,161	32,161
3. Executive					
Total Establishment ...	32,161	.....	32,161	32,161	32,161
III.—Tools and Plant	335	.....	335	335	335
Grand Total ...	62,031	.....	62,031	62,031	62,031
Less—Receipts on Capital Accounts .	.....	.....	...	... ...	.....
Net Outlay ...	62,031	.....	62,031	62,031	62,031
APPORTIONMENT.					
Chargeable to 15—Other revenue expenditure	62,031	.....	62,031	62,031	62,031

(a) The Canal has been reclassified under the head 65 Construction of Irrigation Works, etc., Productive, Government Resolution, Public Works Department, No. 1918, dated 9th June 1923.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-23.

SHAHADA CHANNEL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-23.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				II.—MAINTENANCE AND REPAIRS.			
1. Water-rates from Irrigation ...	...	3,203	3,203	1. Head Works ...	...	345	345
6. Other canal produce.	...	14	14	2. Main Canals and Branches ...	...	10	10
10. Fines ...	...	88	88	3. Distributaries ...	...	9	9
11. Miscellaneous receipts ...	...	50	50	Total ...	...	364	364
				IV.—ESTABLISHMENT.			
Total ...	...	3,355	3,355	1 and 2 Direction and Accounts ... 3. Executive ...	...	782	782
				Total ...	...	782	782
II.—INDIRECT RECEIPTS.				V.—TOOLS AND PLANT.	...	13	13
				Total ...	...	1,159	1,159
Irrigation share of Land Revenue collected in the Civil Department.	...	5,561	5,561	Share of Collection Charges in the Civil Department ...	...	722	722
				Total direct charges ...	...	1,881	1,881
Total ...	...	5,561	5,561	Indirect Charges debitable to Revenue Account as per Account No. 5 ...	...	113	113
				Total Charges ...	...	1,994	1,994
Total Receipts ...	...	8,916	8,916	Balance Net Revenue	...	6,922	6,922
GRAND TOTAL ...	...	8,916	8,916	GRAND TOTAL ...	...	8,916	8,916

N. B.—Old work originally classed under Works for which only revenue accounts were kept has been reclassified under the head 55 Construction of Irrigation Works according to the instructions given in paragraph 18 of the Government of India, Public Works Department, Circular No. 8, P. W., dated 24th September 1921.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-23.

IRRIGATION WORKS.

SHAHADA CHANNEL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1922-23.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922	...	Net Revenue realized to end of 1921-22	...
Interest charges for the year 1922-1923...	2,086	Net Revenue realized during 1922-23 .	6,922
On Rs. 60,981, outlay to end of the year 1916-17 at the average rate 3·3252 per cent. ...	2,028		6,922
On subsequent outlay Rs. 1,050 at 5·48 per cent.	58	Balance net interest charges ..	—4,836
Total ...	2,086	Total ...	2,086

No. 5.—Account of Indirect charges for, and to end of, 1922-23.

Particulars.	Previous.	1922-1923.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue...	.....	.....	.....
2. Leave and Pension Allowances ...	4,503	.....	4,503
3. Audit and Accounts Establishment ...	.....	.....	.....
Total ..	4,503	.....	4,503
REVENUE—			
1. Capitalized abatement of Land Revenue...	.....	.....	.....
2. Leave and Pension Allowances ...	.....	109	109
3. Audit and Accounts ...	.....	4	4
Total ...	.....	113	113

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES:	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works	29,535	...	29,535	...	...	...	29,535	
Establishment	32,161	...	32,161	...	...	...	32,161	
Tools and Plant ...	335	...	335	...	...	...	335	
Total ..	62,031	...	62,031	...	...	...	62,031	
Net Total ...	62,031	...	62,031	...	...	...	62,031	
INDIRECT CHARGES.								
Leave and Pension Allowances	4,503	...	4,503	...	...	...	4,503	
Audit and Accounts Establishment	...	...	...	...	...	...	...	
Total ...	4,503	...	4,503	...	...	...	4,503	
Grand Total ...	66,534	...	66,534	...	...	...	66,534	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

MAHIWAH CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1922-23.

Heads of Account.	Direct Charges.			Cost of construction as now estimated (Construction estimate closed on 30th August 1922.)	Expenditure against closed estimates.
	Previous.	1922-1923.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(2)—Main Canals and Branches.					
B. Land	62,933	...	62,933	62,933	62,933
D. Regulators	1,53,899	7,400	1,61,299	1,65,582	1,53,899
E. Falls and Weirs	8,272	...	8,272	8,272	8,272
G. Bridges	44,200	...	44,200	44,200	44,200
K. Buildings	34,288	...	34,288	34,288	34,288
L. Earth-work	4,14,441	...	4,14,441	4,14,441	4,14,441
Total, Main Canals and Branches ...	7,18,033	7,400	7,25,433	7,29,716	7,18,033
(3)—Distributaries.					
C. Works	69,822	...	69,822	69,822	69,822
L. Earth-work	79,871	...	79,871	79,871	79,871
Total, Distributaries ...	1,49,693	...	1,49,693	1,49,693	1,49,693
(4)—Drainage and Protective Works.					
B. Land	4,210	...	4,210	4,210	4,210
C. Works	50,954	...	50,954	50,954	50,954
L. Earth-work	2,04,631	...	2,04,631	2,04,631	2,04,631
Total, Drainage and Protective Works ...	2,59,795	...	2,59,795	2,59,795	2,59,795
Total, I.—Works ...	11,27,521	7,400	11,34,921	11,39,204	11,27,521
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	53,473	1,272	2,45,149	2,46,389	53,473
3. Executive	1,90,404				1,90,404
Total, II.—Establishment ...	2,43,877	1,272	2,45,149	2,46,389	2,43,877
III.—TOOLS AND PLANT	9,500	144	9,644	9,676	9,500
Grand Total ...	13,80,898	8,816	13,89,714	13,95,269	13,80,898
V —*Less*—Receipts on Capital Account ...	6	...	6	6	6
Net Outlay ...	13,80,892	8,816	13,89,708	13,95,263	13,80,892
APPORTIONMENT.					
Chargeable to 49—Irrigation	13,80,892	...	13,80,892	13,95,263	13,80,892
Chargeable to 55—Construction of Irrigation Works—Provincial	...	8,816	8,816		...
Total ...	13,80,892	8,816	13,89,708	13,95,263	13,80,892

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

MAHIWAH CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	3,976	1,460	5,436				
3. Sales of Water ...	6	...	6				
5. Plantations ...	501	20	521				
6. Other Canal Produce	7,906	878	8,784	2. Main Canals and Branches	1,36,795	—152	1,36,643
9. Rents of Buildings.	398	...	398	3. Distributaries ...	12,329	...	12,329
10. Fines	10,717	685	11,402	Total ...	1,49,124	—152	1,48,972
11. Miscellaneous Receipts	19,643	1,224	20,867	II.—MAINTENANCE AND REPAIRS.			
Total ...	43,147	4,267	47,414	2. Main Canals and Branches ...	9,17,893	57,420	9,75,313
II.—INDIRECT RECEIPTS.				3. Distributaries ...	8,189	...	8,189
				Total ...	9,26,082	57,420	9,83,502
Irrigation share of Land Revenue collected in the Civil Department	10,71,940	51,883	11,23,823	IV.—ESTABLISHMENT.			
4 per cent. on $\frac{2}{10}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A. I., dated respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	53,819	3,693	57,512	1 & 2. Direction and Accounts ... ... 3. Executive	1,34,121	10,314	1,44,435
				Total ...	1,34,121	10,314	1,44,435
				V.—TOOLS AND PLANT ...	8,605	1,368	9,973
				VI.—REFUNDS OF REVENUE	210	...	210
				Total ...	12,18,142	68,950	12,87,092
Total ...	11,25,759	55,576	11,81,335	Share of Collection Charges in the Civil Department	58,538	3,174	61,712
Total, Receipts ...	11,68,906	59,843	12,28,749	Total Direct charges ...	12,76,680	72,124	13,48,804
Note.—Loss to the canal on account of difference between assessment of water-rates on Jágir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883. Rs. To end of 1921-1922 ... 95,509 Loss for 1922-1923 ... 363 Total ... 95,872				Indirect Charges debitable to Revenue Account as per Account No. 5	23,151	2,017	25,168
				Total Charges ...	12,99,831	74,141	13,73,972
				Balance Net Revenue ...	—1,30,925	—14,298	—1,45,223
Grand Total ...	11,68,906	59,843	12,28,749	Grand Total ...	11,68,906	59,843	12,28,749

N.B.—Construction Estimate closed on 30th August 1922—*vide* Government Memorandum No. S.—47, dated 30th August 1922. Completion Report passed by the Finance Department, *vide* Government Memorandum (Public Works Department), No. S.—47-I., dated 30th August 1922.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

MAHIWAH CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1921-1922 ...	9,23,921		
Interest charges for the year 1922-1923 ...	46,156	Net Revenue realized to end of 1921-1922 ...	—1,30,925
On Rs. 13,81,060 outlay to end of the year 1916-17 at the average rate 3·3252 per cent. Rs. 45,923.		Do. during 1922-1923 ...	—14,298
			—1,45,223
On subsequent outlay Rs. 4240 (from 1917-18 to 1921-22 and half outlay for 1922 23). Rs. 233.	...	Balance net Interest charges	11,15,300
Total ...	9,70,077	Total ...	9,70,077

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue...	24,649	.....	24,649
2. Leave and Pension Allowances	34,143	178	34,321
3. Audit and Accounts	.....	74	74
Total ...	58,792	252	59,044
REVENUE—			
1. Capitalized abatement of Land Revenue	3,518	.....	3,518
2. Leave and Pension Allowances	18,776	1,444	20,220
3. Audit and Accounts Establishment	857	573	1,430
Total ...	23,151	2,017	25,168

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.	
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Works ...	11,27,521	...	11,27,521	7,400	11,683	4,283	11,34,921
Establishment ...	2,43,877	...	2,43,877	1,272	2,512	1,240	2,45,149
Tools and Plant ...	9,500	...	9,500	144	176	32	9,644
Total ...	13,80,898	...	13,80,898	8,816	14,371	5,555	13,89,714
Less—Receipts on Capital Account...	6	...	6	...	...	...	6
Net Total ...	13,80,892	...	13,80,892	8,816	14,371	5,555	13,89,708
INDIRECT CHARGES.							
Capitalized abatement of Land Revenue...	24,649	...	24,649	...	...	...	24,649
Leave and Pension Allowances ...	34,143	...	34,143	178	352	174	34,321
Audit and Accounts...	...	...	...	74	117	43	74
Total ...	58,792	...	58,792	252	469	217	59,044
Grand Total ...	14,39,684	...	14,39,684	9,068	14,840	5,772	14,48,752

REMARKS.

		Rs.
G. R. (P.W.D.)	No. 3536 dated 30th January 1923 ...	6,624
Do.	No. 3556 dated 12th February 1923 ...	1,594
Do.	No. 3554 dated 12th February 1923 ...	4,969
Do.	No. 3555 dated 12th February 1923 ...	1,653
		14,840

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

DA'D CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated. (Construction estimate closed on 31st March 1907.)	Expenditure against closed estimates.
	Previous.	1922-23.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses ...	4,134	.....	4,134	4,134	4,134
B. Land	39,338	.....	39,338	39,338	39,338
D. Regulators	2,05,144	11,608	2,16,752	2,16,752	2,16,752
G. Bridges	91,352	.....	91,352	91,352	91,352
H. Escapes	13,077	.....	13,077	13,077	13,077
K. Buildings	89,030	3,771	92,801	94,394	89,030
L. Earth-work	14,18,551	.....	14,18,551	14,18,551	14,18,551
O. Miscellaneous	7,086	.....	7,086	7,086	7,086
Total, Main Canals and Branches ...	18,67,712	15,379	18,83,091	18,84,684	18,79,320
(3)—*Distributaries.*					
B. Land	2,600	.....	2,600	5,738	20
C. Works	91,637	.....	91,637	93,239	63,280
L. Earth-work	1,00,332	.....	1,00,332	1,04,564	24,564
O. Miscellaneous	95,699	—736	94,963	80,285	—6,990
Total, Distributaries ...	2,90,268	—736	2,89,532	2,88,826	80,874
(4)—*Drainage and Protective Works.*					
L. Earth-work	14,590	.....	14,590	14,590	14,590
O. Miscellaneous	505	.....	505	505	505
Total, Drainage and Protective Works.	15,095	.....	15,095	15,095	15,095
Total I.—Works ...	21,73,075	14,643	21,87,718	21,88,605	19,75,289
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	3,60,524	5,140	3,65,664	3,90,106	3,47,534
3. Executive					
5. Special Survey ...	12,721	.....	12,721		
Total, Establishment ...	3,73,245	5,140	3,78,385	3,90,106	3,47,534
III.—TOOLS AND PLANT	19,277	232	19,509	19,296	17,179
Grand Total ...	25,65,597	20,015	25,85,612	25,98,007	23,40,002
V.—*Less*—Receipts on Capital Account.	34	.....	34	34	34
Net Outlay ...	25,65,563	20,015	25,85,578	25,92,973	23,39,968
APPORTIONMENT.					
Chargeable to 49—Irrigation ...	25,57,892	.....	25,57,892		
Do. 43—Minor Works and Navigation ...	3,827	.....	3,827	25,92,973	23,39,968
Do. 55— Construction of Irrigation Works—Provincial ...	3,844	20,015	23,859		...
Total ...	25,65,563	20,015	25,85,578	25,92,973	23,39,968

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

DA'D CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total. Previous.	1922-1923.	Total.	Charges.	Total. Previous.	1922-1923.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	11,438	381	11,819	1. Head Works ...	4,859	...	4,859
5. Plantations	7,720	400	8,120	2. Main Canals and Branches ...	90,531	—3,675	86,856
6. Other canal produce ...	1,826	304	2,130	3. Distributaries ..	16,585	...	16,585
8. Navigation ...	69	41	110	Average expenditure before improvements...	—90,735	...	—90,735
9. Rents of buildings.	4,165	...	4,165				
10. Fines ...	4,475	...	4,475	Total ...	21,240	—3,675	17,565
11. Miscellaneous Receipts ...	10,892	—75	10,817	II.—MAINTENANCE AND REPAIRS.			
12. *Deduct*—Refunds...	—5	—5	—10	2 Main Canals and Branches ...	12,85,747	86,299	13,72,046
Total ...	40,590	1,056	41,646	3. Distributaries ...	57,099	101	57,200
II.—INDIRECT RECEIPTS.				Total ...	13,42,846	86,400	14,29,246
Irrigation share of Land Revenue collected in the Civil Department ...	28,82,751	2,46,794	31,29,545	IV.—ESTABLISHMENT.			
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 & 68-A.I., dated respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889	1,26,298	8,737	1,35,035	1 & 2. Direction and Accounts ...	4,63,843	30,676	4,94,519
				3. Executive ...			
Total ...	30,09,049	2,55,531	32,64,580	Total ...	4,63,843	30,676	4,94,519
Total Receipts ...	30,49,639	2,56,587	33,06,226	V.—TOOLS AND PLANT...	13,398	1,627	15,525
				VI.—REFUNDS OF REVENUE ...	518	...	518
				Suspense Account ...	1,465	...	1,465
				Deduct—Recoveries on Revenue Account ...	204	44	248
				Total ...	18,48,606	1,14,984	19,58,590
Note.—Loss to the canal on account of difference between assessment of water-rates on Jághir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883. Rs. To end of 1921-1922. 4,10,737 Loss for 1922-1923 ... 25,920 Total ... 4,36,647				Share of Collection Charges in the Civil Department	1,53,114	14,831	1,67,945
				Total Direct charges...	19,96,720	1,29,815	21,26,535
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	67,121	5,122	72,243
				Total Charges ...	20,63,841	1,34,937	21,98,778
				Balance Net Revenue ...	9,85,798	1,21,650	11,07,448
Grand Total ...	30,49,639	2,56,587	33,06,226	Grand Total ...	30,49,639	2,56,587	33,06,226

N.B.—Construction Estimate closed on 31st March 1907—*vide* Government Resolution No. 2191, dated 17th August 1908.
Completion Report approved in Government Resolution, No. 1054, dated 30th April 1910.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

DA'D CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1921-22 ...	18,35,413		
Interest charges for the year 1922-23 ...	85,620	Net revenue realized to end of 1921-1922 ...	9,85,708
On Rs. 25,76,626 outlay to end of the year 1916-17 at the average 3·3252 Rs. per cent.	85,678	Do. during 1922-1923 ...	1,21,630
On subsequent outlay Rs. —1,056 (from 1917-18 to 1921-22 and half of 1922-23) at the average rate 5·46 per cent. . —58			11,07,443
		Balance net Interest charges	8,13,588
Total ...	19,21,033	Total ...	19,21,033

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	41,453	.....	41,453
2. Leave and Pension Allowances	52,255	720	52,975
3. Audit and Accounts	28	146	174
Total ...	93,736	866	94,602
REVENUE—			
1. Capitalized abatement of Land Revenue	1,194	.....	1,194
2. Leave and Pension Allowances	64,938	4,295	69,233
3. Audit and Accounts	989	827	1,816
Total ..	67,121	5,122	72,243

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed sanctions.			Current sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Revised Estimate of the Rao Distributary sanctioned by the Government of India—vide No. 1021-I., dated 29th March 1911, communicated in Government Resolution No. W.1.—9017, dated 13th August 1914 2,55,231
Works ...	18,99,848	75,441	19,75,289	2,12,429	2,08,316	—4,113	21,87,718	Class I.W.D., No. 8240, dated 2nd December 1922 ... 4,461
Establishment ...	3,16,668	30,871	3,47,534	30,851	42,572	11,721	3,78,385	Do. No. 8240, dated 16th December 1922 ... 3,383
Tools and Plant ...	16,579	600	17,179	2,330	2,117	—213	19,509	2,62,045
Total ...	22,32,890	1,07,112	23,40,002	2,45,610	2,53,005	7,395	25,85,612	
Less—Receipts on Capital Account ...	34	...	34	...	...	...	34	
Net Total ...	22,32,856	1,07,112	23,39,968	2,45,610	2,53,005	7,395	25,85,578	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	40,168	1,110	41,278	175	3,025	2,850	41,453	
Leave and Pension Allowances ...	44,333	4,320	48,653	4,322	5,961	1,639	52,975	
Audit charges ...	...	151	151	23	54	31	174	
Total ...	84,501	5,581	90,082	4,520	9,040	4,520	94,602	
Grand Total ...	23,17,357	1,12,693	24,30,050	2,50,130	2,62,045	11,915	26,80,180	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.
NASRAT CANAL.
CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated. (Construction estimate closed on 31st March 1907.)	Expenditure against closed estimates.
	Previous.	1922-1923.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS.					
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses	1,653	...	1,653	1,653	1,653
B. Land	40,941	...	40,941	40,941	40,941
D. Regulators	1,84,574	...	1,84,574	1,84,574	1,84,574
G. Bridges	67,852	...	67,852	67,852	67,852
K. Buildings	69,315	...	69,315	69,315	69,315
L. Earth-work	9,78,967	...	9,78,967	9,78,967	9,78,967
O. Miscellaneous	4,430	...	4,430	4,430	4,430
Total, Main Canals and Branches ...	13,47,732	...	13,47,732	13,47,732	13,47,732
(3)—*Distributaries.*					
B. Land	576	...	576	576	576
C. Works	1,38,669	2,663	1,41,332	1,42,650	1,38,669
L. Earth-work	73,188	...	73,188	73,188	73,188
O. Miscellaneous	—20,032	—612	—20,644	—20,644	—20,644
Total, Distributaries ...	1,92,401	2,051	1,94,452	1,95,780	1,91,789
(4)—*Drainage and Protective Works.*					
L. Earth-work	4,398	...	4,398	4,398	4,398
O. Miscellaneous	377	...	377	377	377
Total, Drainage and Protective Works ...	4,775	...	4,775	4,775	4,775
Total, I.—Works ...	15,44,908	2,051	15,46,959	15,48,287	15,44,296
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts	2,51,185	720	2,51,905	2,51,823	2,50,970
3. Executive					
5. Special Survey	1,263	...	1,263	1,263	1,263
Total, Establishment ...	2,52,448	720	2,53,168	2,53,091	2,52,233
III.—TOOLS AND PLANT	6,846	32	6,878	6,896	6,836
Grand Total ...	18,04,202	2,803	18,07,005	18,08,274	18,03,365
V.—*Less*—Receipts on Capital Account ...	158	...	158	158	158
Net Outlay ...	18,04,044	2,803	18,06,847	18,08,116	18,03,207
APPORTIONMENT.					
Chargeable to 40.—Irrigation	18,04,834	...	18,04,834	18,04,834	18,04,834
Chargeable to 55.—Construction of Irrigation Works, Provincial	—790	2,803	2,013	3,282	—1,627
Total ...	18,04,044	2,803	18,06,847	18,08,116	18,03,207

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

NASRAT CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	—469	1	—468	2. Main Canals and Branches	81,466	—171	81,295
3. Sales of water ...	98	...	98	3. Distributaries ...	23,286	...	25,286
5. Plantations ...	3,316	427	3,743				
6. Other canal produce	1,774	244	2,018				
8. Navigation ...	43	25	68				
9. Rents of buildings.	3,226	...	3,226	Total ...	1,04,752	—171	1,04,581
10. Fines	3,934	8	3,942	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous Receipts	3,214	—280	2,934	2. Main Canals and Branches	13,07,130	77,360	13,84,490
Deduct— Refunds ...	...	300	300				
Total ...	15,136	125	15,261	Total ...	13,07,130	77,360	13,84,490
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department ...	27,66,058	1,57,658	29,23,716	1 & 2. Direction and Accounts	4,81,477	27,684	5,09,161
				Total ...	4,81,477	27,684	5,09,161
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 & 53-A. I., dated, respectively, 20th June and 1st August, 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	1,78,014	13,923	1,91,937	V.—TOOLS AND PLANT...	13,257	1,341	14,598
				VI.—REFUNDS OF REVENUE	98	...	98
				Suspense Account ...	—1,465	...	—1,465
				Deduct— Recoveries on Revenue account ...	204	...	204
Total ...	29,44,072	1,71,581	31,15,653				
Total, Receipts ...	29,59,208	1,71,706	31,30,914	Total ...	19,05,045	1,06,214	20,11,259
Note.—Loss to the canal on account of difference between assessment of water rates on Jaghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Share of Collection Charges in the Civil Department	1,65,347	9,453	1,74,800
				Total, Direct Charges ...	20,70,392	1,15,667	21,86,059
				Indirect Charges debitable to Revenue Account as per Account No. 5	68,496	4,648	73,144
Rs.							
To end of 1921-1922...31,486				Total, Charges ...	21,38,888	1,20,315	22,59,203
Loss for 1922-1923 ... 733							
Total ...32,219				Balance Net Revenue ..	8,20,320	51,391	8,71,711
Grand Total ...	29,59,208	1,71,706	31,30,914	Grand Total ...	29,59,208	1,71,706	31,30,914

N.B.—Construction Estimate closed on 31st March 1907—*vide* Government Resolution No. 2191, dated 17th August 1908. Completion Report approved in Government Resolution No. 1064, dated 30th April 1910.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

NASRAT CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount
	Rs.		Rs.
Total Interest charges to end of 1921-1922 ...	12,22,324	Net revenue realized to end of 1921-1922 ...	8,20,320
Interest charges for the year 1922-1923 ...	59,904	Do. during 1922-1923 ...	51,391
On Rs. 18,11,482 outlay to end of the year 1916-17 at the average rate 3·3252 per cent. 60,235			8,71,711
On subsequent outlay Rs. —6,036 (from 1917-18 to 1921-22 and half of 1922-23) at the average rate 5·48 per cent. —331		Balance net Interest charges	4,10,517
Total ...	12,82,228	Total ...	12,82,228

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	22,749	.....	22,749
2. Leave and Pension Allowances	35,341	101	35,442
3. Audit and Accounts	—6	21	15
Total ...	58,084	122	58,206
REVENUE—			
1. Capitalized abatement of Land Revenue	33	.....	33
2. Leave and Pension Allowances	67,408	3,876	71,284
3. Audit and Accounts	1,055	772	1,827
Total ...	68,496	4,648	73,144

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works	15,71,638	—27,342	15,44,296	2,663	3,991	1,328	15,46,959	
Establishment ...	2,23,469	28,764	2,52,233	935	858	—77	2,53,168	
Tools and Plant ...	5,046	1,790	6,836	42	60	18	6,878	
Total ...	18,00,153	3,212	18,03,365	3,640	4,909	1,269	18,07,005	
Less—Receipts on Capital Account	158	...	158	...	...	...	158	
Net Total ...	17,99,995	3,212	18,03,207	3,640	4,909	1,269	18,06,847	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	15,098	7,651	22,749	...	...	...	22,749	
Leave and Pension Allowances	31,285	4,026	35,311	131	120	—11	35,442	
Audit and Accounts ...	...	—12	—12	27	40	13	15	
Total ...	46,383	11,665	58,048	158	160	2	58,206	
Grand Total ...	18,46,378	14,877	18,61,255	3,798	5,069	1,271	18,65,053	

G. R. (P.W.D.) No. 3838, dated 6th February 1923.—Rs. 5,000.

R 5—27

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

SUTTAH CANAL.

CANAL PROJECT.

No 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation	312	1	313	2. Main Canals and Branches	10,140	...	10,140
5. Plantations	1,266	...	1,272	4. Average expenditure before Improvement	—35,892	—1,994	—37,886
6. Other canal produce ...		6					
10. Fines	159	...	159				
11. Miscellaneous Receipts ...	—81	—15	—96				
Total ...	1,656	—8	1,648	Total ...	—25,752	—1,994	—27,746
II.—INDIRECT RECEIPTS.				II.—MAINTENANCE AND REPAIRS.			
Irrigation share of Land Revenue collected in the Civil Department	2,25,949	20,424	2,46,373	2. Main Canals and Branches	1,77,361	10,271	1,87,632
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 23 and 58-A. L., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889.	9,284	870	10,154	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts	15,309	1,039	16,348
				3. Executive			
Total ...	2,35,233	21,294	2,56,527	Total ...	15,309	1,039	16,348
Total, Receipts ...	2,36,889	21,286	2,58,175				
Note.—Loss to the canal on account of difference between assessment of water-rates on jághir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-L., dated 14th June 1883, communicated under Government Resolution No. 406, dated 11th August 1883 :—				V.—TOOLS AND PLANT ...	796	291	1,087
				Total ...	1,67,714	9,607	1,77,321
				Share of Collection Charges in the Civil Department ...	13,424	1,224	14,648
				Total, Direct Charges ...	1,81,138	10,831	1,91,969
Rs.							
To end of 1921-1922 5,126				Indirect Charges debitable to Revenue Account as per Account No. 5	2,350	228	2,578
Loss for 1922-1923 144							
Total ... 5,270				Total, Charges ...	1,83,488	11,059	1,94,547
				Balance Net Revenue ...	53,401	10,227	63,628
Grand Total ...	2,36,889	21,286	2,58,175	Grand Total ...	2,36,889	21,286	2,58,175

N.B.—Last Capital Account detailed in the Administrative Accounts for 1912-1913. Construction Estimate closed on 31st March 1910—*vide* Government Resolution No. 229, dated 5th February 1910. Completion Report approved in Government Resolution No. 950, dated 9th May 1911.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

IRRIGATION WORKS.

SUTTAH CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-22.	1,03,471	Net Revenue realized to end of 1921-22.	53,401
Interest charges for the year 1922-23 ...	5,787	Net Revenue realized during 1922-23 ...	10,227
On Rs. 1,74,028 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.			63,625
Subsequent outlay *nil.*		Balance net interest charges ...	45,630
Total ...	1,09,258	Total ..	1,09,258

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue ...	...	...	...
2. Leave and Pension Allowances ...	2,143	145	2,288
3. Audit and Accounts ...	207	83	290
Total ...	2,350	228	2,578

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

BAGHAR CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated (Construction estimates closed during 1921-22).	Expenditure against closed estimates.
	Previous.	1922-1923.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I Works	(a) 1,94,567	...	1,94,567	1,94,567	1,94,567
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts					
3. Executive	35,968	...	35,968	35,968	35,968
4. Medical					
5. Special Survey					
Total Establishment ...	35,968	...	35,968	35,968	35,968
III.—Tools and Plant	335	...	335	335	335
IV.—Suspense Account	...	...	...	...	...
Grand Total ...	2,30,870	...	2,30,870	2,30,870	2,30,870
V.—*Less* Receipt on Capital Account ...	...	...	...	...	...
Net Outlay ...	2,30,870	...	2,30,870	2,30,870	2,30,870
Apportionment.					
Chargeable to 43—Minor Works and Navigation	2,30,870	...	2,30,870	2,30,870	2,30,870
Total ...	2,30,870	...	2,30,870	2,30,870	2,30,870

(a) Previous outlay to end of the years 1921-22 brought forward as the Canal has been reclassified under the head 55, Construction of Irrigation Works Un-Productive, Government Resolution (Public Works Department) No. 638, dated 18th July 1923.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

BAGHAR CANAL.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	...	1,153	1,153	1. Head Works. ... 2. Main Canals and Branches. ... 3. Distributaries ... 4. Drainage and Protective Works ...	...	1,700	1,700
5. Plantations ...	...	121	121				
6. Other canal produce ...	...	100	100				
7. Water power ...	...	...	...				
8. Navigation ...	...	169	169				
10. Fines ...	...	10	10				
11. Miscellaneous receipts ...	...	3,086	3,086				
Total ...	...	4,639	4,639	Total ...	...	1,700	1,700
II.—INDIRECT RECEIPTS.				II.—MAINTENANCE AND REPAIRS.			
Irrigation share of Land Revenue collected in the Civil Department ...	...	72,854	72,854	1. Head Works ... 2. Main Canals and Branches ... 3. Distributaries ... 4. Drainage and Protective Works ...	...	35,042	35,042
				Total ...	...	35,042	35,042
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Govt. of India Nos. 53 & 53-A. J., dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1909, dated 10th July, and No. 1913, dated 7th November 1889 ...	...	1,537	1,537	IV.—ESTABLISHMENT.			
				1 & 2 Direction and Accounts ... 3. Executive ...	...	6,680	6,680
				Total ...	...	6,680	6,680
				V.—TOOLS AND PLANT.	...	928	928
Total ...	...	74,391	74,391	Less.—Receipts on Revenue Account ...	...	169	169
Total Receipts ...	...	79,030	79,030	Total ...	...	44,181	44,181
Note.—Loss to the canal on account of difference between assessment of water-rates on Jágbir lands and assessments at the ordinary rates in force for Government lands noted here per Government of India letter No. 283-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Share of Collection Charges in the Civil Department ...	...	4,441	4,441
				Total Direct Charges ...	...	48,622	48,622
				Indirect Charges debitable to Revenue Account as per Account No. 5	...	1,302	1,302
Rs. To end of 1921-1922... ... Loss for 1922-1923 ... 5,056							
Total ... 5,056				Total Charges ...	...	49,924	49,924
				Balance Net Revenue...	...	29,106	29,106
Grant Total ...	...	79,030	79,030	Grand Total ...	...	79,030	79,030

Note.—Old work originally classed under Works for which only revenue accounts are kept has been reclassified under the head 55, Construction of Irrigation works according to the instructions given in paragraph 18 of the Government of India, Public Works Department Circulars No. 8-P.W., dated 24th September 1921.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

IRRIGATION WORKS.

BAGHAR CANAL.

Part IV—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922	.....	Net Revenue realized to end of 1921-1922 as per Part III ...	.....
Interest charges for the year 1922-23	7,810	Net Revenue realized during 1922-1923 as per Part III ...	29,106
Rs.			
On Rs. 2,24,709 outlay to end of the year 1916-17 at the average rate 3·3252 ...	7,472	Total Net Revenue realized to end of the year as per Part III.	29,106
On subsequent outlay Rs. 6,161 at the average rate 5·48 per cent ...	338	Balance net interest charges ...	—21,296
Total ...	7,810	Total ...	7,810

Part V.—Account of Indirect Charges for, and to end of year 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
CAPITAL ACCOUNT—			
1. Capitalized abatement of Land Revenue ...	.....	.....	.....
2. Leave and Pension Allowances	(a)5,034	.....	5,034
3. Audit and Accounts Establishment	.....	.....	.....
Total ...	5,034	.....	5,034
REVENUE ACCOUNT—			
1. Capitalized abatement of Land Revenue ...	.....	.....	.....
2. Leave and Pension Allowances	.....	935	935
3. Audit and Accounts Establishment	.....	367	367
Total ...	.....	1,302	1,302

(a) *Vide* note under No. 2, Capital account.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

IRRIGATION WORKS.

BAGHAR CANAL.

Part VI.—Statement comparing Capital Cost to end of 1922-1923 with sanctioned Estimates.

Particulars.	Charges against closed sanctions.			Current sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	1,94,567	...	1,94,564	...	...	...	1,94,567	
Establishment ...	35,968	...	35,968	...	...	...	35,968	
Tools and Plant ...	335	...	335	...	...	...	335	
Total ...	2,30,870	...	2,30,870	...	...	...	2,30,870	
Less.—Receipts on Capital Account ...	...	...	...	...	...	...	...	
Net Total ...	2,30,870	...	2,30,870	...	...	...	2,30,870	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	...	...	...	...	...	...	...	
Leave and Pension Allowances ...	5,034	...	5,034	...	...	...	5,034	
Total ...	5,034	...	5,034	...	...	...	5,034	
Grand Total ...	2,35,904	...	2,35,904	...	...	...	2,35,904	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

SEHABWAH CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	Direct Charges.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1922-1923.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1) *Head Works.*					
C. Works	.....	...	.....	50,000	.....
Total Head Works ...	.....	...	.....	50,000	.....
(2) *Main Canals and Branches.*					
A. Preliminary Expenses ...	.....	...	...	4,768	.....
B. Land	.....	...	.....	12,803	.....
D. Regulators	.....	...	.....	70,765	.....
G. Bridges	.....	...	.....	23,853	.....
K. Buildings	24,660	−534	24,126	1,15,875	.....
L. Earth-Work	.....	...	.....	2,39,889	.....
P. Maintenance	.....	...	.....	18,172	.....
Total Main Canals and Branches ...	24,660	−534	24,126	4,86,075	.....
(3) *Distributaries.*					
B. Land	.....	...	.....	37,851	.....
C. Works	.....	...	.....	45,261	.....
L. Earth-Work	.....	...	.....	2,29,216	.....
O. Miscellaneous	.....	...	.....	—1,64,506	.....
P. Maintenance	.....	...	.....	5,828	.....
Total Distributaries ...	.....	...	.....	1,53,650	.....
Total I.—Works ...	24,660	−534	24,126	6,89,725	.....
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	3,984	−92	3,892	1,57,416	.....
3. Executive					
Total Establishment ...	3,984	−92	3,892	1,57,416	.....
III.—TOOLS AND PLANT. ...	387	−10	377	10,346	.....
IV.—Suspense Accounts	.....	...	.....	.....	.....
Grand Total ...	29,031	−636	28,395	8,57,487	.....
V.—Less Receipts on Capital Account...	.....	...	.....	.....	.....
Net Outlay	29,031	−636	28,395	8,57,487	.....
Apportionment.					
Chargeable to 49.—Irrigation ...	29,348	...	29,348	8,57,487	.....
Chargeable to 55.—Construction of Irrigation Works—Provincial ...	−317	−636	−953		
Total ...	29,031	−636	28,395	8,57,487	.....

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS, FOR THE YEAR 1922-1923.

IRRIGATION WORKS.

SEHARWAH CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922 .	3,525	Net Revenue realized to end of 1921-1922 .	...
Interest charges for the year 1922-1923 ...	1,573	Net Revenue realized during 1922-1923 .	...
On Rs. 28,713 outlay from 1917-18 to end of 1921-22 and half of 1922-23 at the average rate 5·48 per cent.		Balance net interest charges ...	5,098
Total ...	5,098	Total .	5,098

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	.....	.....	.....
2. Leave and Pension Allowances	558	−13	545
3. Audit and Accounts ...	−3	− 5	− 8
Total ...	555	− 18	537

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed sanctions.			Current Sanctions.				Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.	Total charges to date against old and current sanctions.	
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	...	...	...	24,126	6,89,725	6,65,599	24,126	
Establishment ...	...	...	...	3,892	1,57,416	1,53,524	3,892	
Tools and Plant ...	...	...	...	377	10,346	9,969	377	
Total ...	...	...	...	28,395	8,57,487	8,29,092	28,395	
Less.—Receipts in Capital Account ...	...	...	...	...	...	..	...	
Net Total ...	...	...	...	28,395	8,57,487	8,29,092	28,395	
INDIRECT CHARGES.								
Leave and Pension Allowances ...	...	...	...	545	22,038	21,493	545	
Audit and Accounts ...	...	...	...	− 8	..	8	− 8	
Total ...		...	...	537	22,038	21,501	537	
Grand Total ...	...	...	...	28,932	8,79,525	8,50,593	28,932	

(Government of India (Public Works Department) No. 85-I dated 15th March 1920, Communicated to Government Resolution (Public Works Department) No. W. I.-1107, dated 7th June 1920.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

HATHMATI AND KHARI CUT CANALS.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated (Construction estimate closed on 31st March 1893).	Expenditure against closed estimate.
	Previous.	1922-1923.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1) *Head Works.*					
A. Preliminary Expenses ...	2,687	..	2,687	2,687	2,687
B. Land	39,747	...	39,747	39,747	39,747
C. Works	2,39,919	...	2,39,919	2,39,919	2,39,919
K. Buildings	8,466	...	8,466	8,466	8,466
O. Miscellaneous	6,801	...	6,801	6,801	6,801
P. Maintenance	14,686	...	14,686	14,686	14,686
Total Head Works ...	3,12,306	...	3,12,306	3,12,306	3,12,306
(2) *Main Canals and Branches.*					
A. Preliminary Expenses ...	1,930	...	1,930	1,930	1,930
B. Land	33,064	...	33,064	33,064	33,064
D. Regulators	30,114	...	30,114	30,114	30,114
E. Falls and Weirs	28,946	...	28,946	28,946	28,946
F. River and hill torrent works ...	21,149	...	21,149	21,149	21,149
F(1). Other cross drainage works ...	(a) 603	1,499	2,102	2,102	2,102
G. Bridges	48,642	...	48,642	48,642	48,642
H. Escapes	2,100	...	2,100	2,100	2,100
K. Buildings	8,729	...	8,729	8,729	8,729
L. Earth-work	3,05,635	...	3,05,635	3,05,635	3,05,635
M. Plantations	1,996	...	1,996	1,996	1,996
N. Tanks and Reservoirs ...	1,11,037	...	1,11,037	1,11,037	1,11,037
O. Miscellaneous	14,965	...	14,965	14,965	14,965
P. Maintenance	11,025	...	11,025	11,025	11,025
Total Main Canals and Branches ...	6,19,935	1,499	6,21,434	6,21,434	6,21,434
Carried over ...	9,32,241	1,499	9,33,740	9,33,740	9,33,740

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

IRRIGATION WORKS.

HA'THMATI AND KHA'RI CUT CANALS.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	Direct Charges. Previous.	1922-1923.	Total.	Cost of Construction as now estimated (Construction estimate closed on 31st March 1893.)	Expenditure against closed estimates.
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	9,32,241	1,499	9,33,740	9,33,740	9,33,740
I.—WORKS—*continued.*					
(3) *Distributaries.*					
A. Preliminary Expenses ...	1,340	.....	1,340	1,340	1,340
B. Land	2,209	.....	2,209	2,209	2,209
C. Works	30,495	.....	30,495	30,495	30,495
L. Earth-work	22,659	.....	22,659	22,659	22,659
O. Miscellaneous	14,717	.....	14,717	14,717	14,717
Total, Distributaries ...	71,420	.....	71,420	71,420	71,420
(4) *Drainage and Protective Works.*					
B. Land	177	.....	177	177	177
L. Earth-work	1,841	.....	1,841	1,841	1,841
Total, Drainage and Protective Works.	2,018	.....	2,018	2,018	2,018
Total, I.—Works ...	10,05,679	1,499	10,07,178	10,07,178	10,07,178
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	41,682	365	2,24,552	2,24,687	2,24,687
3. Executive	1,82,505				
	(a) 135		(a) 135		
Total, Establishment ...	2,24,187	365	2,24,687	2,24,687	2,24,687
	(a) 135				
III.—Tools and Plant	13,189	31	13,252	13,252	13,252
	(a) 32				
IV.—Suspense Accounts ...	.....	.....	.....	.....	.....
Grand Total ...	12,43,222	1,895	12,45,117	12,45,117	12,45,117
V.—*Less* Receipts on Capital Account	1,469	.....	1,469	1,469	1,469
Net Outlay ...	12,41,753	1,895	12,43,648	12,43,648	12,43,648
Apportionment.					
Chargeable to 49.—Irrigation ...	4,90,925	.....	4,90,925	4,90,925	4,90,925
Do. 43.—Minor Works and Navigation ...	7,24,900	.....	7,24,900	7,24,900	7,24,900
Do. 45.—Civil Provincial .	1,486	.....	1,486	1,486	1,486
Do. 45.—Local Fund ...	23,672	.....	23,672	23,672	23,672
Do. 55.—Construction of Irrigation works.	.....	1,895	1,895	1,895	1,895
XIII.—*Deduct* Working Expenses ...	770	.....	770	770	770
Total ...	12,41,753	1,895	12,43,648	12,43,648	12,43,648

(a) Amount classified under the head "XIII Works for which Capital Account are kept—*Deduct* Working Expenses" during the year 1921-22 has now been brought against the Capital Account of the project the estimate for which was sanctioned in Government Resolution (Public Works Department), No. 2124, dated 8th September 1922.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

IRRIGATION WORKS.

HATHMATI AND KHARI CUT CANALS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	10,76,144	34,276	11,10,420	1. Head Works ...	18,638	123	18,761
3. Sales of water ...	1,714	19	1,733	2. Main Canals and Branches	77,831 (a)—603	255	77,433
4. Water-supply of towns	2,672	171	2,843	3. Distributaries ...	7,249	...	7,249
5. Plantations ...	80,402	38	83,958	Total ...	1,03,115	378	1,03,493
6. Other canal produce		3,518					
9. Rents of Buildings.	37	...	37				
10. Fines	359	...	359	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous Receipts	30,408	2,090	32,498	1. Head Works	1,00,115	4,940	1,05,055
12. *Deduct* Refunds ..	192	...	192	2. Main Canals and Branches	3,41,251	14,698	3,55,949
Total ..	11,91,544	40,112	12,31,656	3. Distributaries ...	92,946	4,290	97,236
				4. Drainage and Protective Works ...	4,402	...	4,402
II.—INDIRECT RECEIPTS.				Total ...	5,38,714	23,928	5,62,642
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	III.—COMPENSATION ...	3,615	...	3,615
				IV.—ESTABLISHMENT.			
Total, Receipts ...	11,91,544	40,112	12,31,656	1. & 2. Direction and Accounts ... 3. Executive ...	2,48,977 (a)—135	5,920	2,54,762
				Total ...	2,48,842	5,920	2,54,762
				V.—TOOLS AND PLANT ..	11,092 (a)—32	497	11,557
				Profit and Loss	186	...	186
				VI.—REFUNDS OF REVENUE	8,854	...	8,854
				Total ...	9,09,386	30,723	9,40,109
				Share of Collection Charges in the Civil Department	53,839	1,714	55,553
				Total, Direct Charges...	9,63,225	32,437	9,95,662
				Indirect Charges debitable to Revenue Account as per Account No. 5	37,641	1,072	38,713
				Total Charges ...	10,00,866	33,509	10,34,375
				Balance Net Revenue ...	1,90,678	6,603	1,97,281
Grand Total ...	11,91,544	40,112	12,31,656	Grand Total ...	11,91,544	40,112	12,31,656

N.B.—Last Capital Account detailed in the Administrative Accounts for 1914-15 and No. 6 in the Administrative Accounts for 1915-16.
Construction Estimate of the Hathmati Canal closed in 1883-84 and that of the Khari Cut Canal closed on 31st March 1893—*vide* also Government Resolution No. 2902 of 10th December 1909.
Completion Report of the Khari Cut Canal approved in Government Resolution No. 688 of 16th April 1894.
(a) Outlay incurred during the year 1921-22 has been transferred to Capital Account, *vide* note (a) under No. 2 Capital Account.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

IRRIGATION WORKS.

HA'THMATI AND KHARI CUT CANALS.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

		Amount.			Amount.
		Rs.			Rs.
Total interest charges to end of 1921-1922.		12,32,847	Net revenue realized to end of 1921-1922.		1,90,678
Interest charges for the year 1922-1923...		41,359	Do. during 1922-1923 ...		6,603
	Rs.				
On Rs. 12,40,983 outlay to end of the year 1916-17 at the average rate 3·3252 per cent. ...	41,265				1,97,281
On subsequent outlay Rs. 1,718 at 5·48 per cent. ...	94		Balance net interest charges	...	10,76,925
Total	..	12,74,206	Total	...	12,74,206

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	36,598	.....	36,598
2. Leave and Pension Allowances	38,392	51	38,462
3. Audit and Accounts Establishment	(a)19 (a)6	15	21
Total ...	75,015	66	75,081
REVENUE—			
1. Capitalized abatement of Land Revenue	825	.....	825
2. Leave and Pension Allowances	36,491	829	37,301
3. Audit and Accounts Establishment	(b)—19 325	243	562
	(b)—6		
Total ...	37,616	1,072	38,688

(a) *Vide* note (a) under No. 2 Capital Account.
(b) *Vide* note (b) under No. 3 Revenue Account.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

IRRIGATION WORKS.

HA'THMATI AND KHÁRI CUT CANALS.

CANAL PROJECT.

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
DIRECT CHARGES.								
Works ...	5,16,849	4,90,329	10,07,178	...	...	...	10,07,178	
Establishment ...	1,31,390	93,297	2,24,687	...	...	...	2,24,687	
Tools and Plant ...	11,193	2,059	13,252	...	...	...	13,252	
Suspense Accounts ...	−28	28	...	...	...	...	...	
Total ...	6,59,404	5,85,713	12,45,117	...	...	...	12,45,117	
Less—Receipts on Capital Account ...	1,469	...	1,469	...	...	...	1,469	
Net Total ...	6,57,935	5,85,713	12,43,648	...	...	...	12,43,648	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	13,433	23,165	36,598	...	...	...	36,598	
Leave and Pension Allowances ...	25,401	13,061	38,462	...	...	...	38,462	
Audit and Accounts Establishment ...	...	21	21	...	..	...	21	
Total ...	38,834	36,247	75,081	...	...	...	75,081	
Grand Total ...	6,96,769	6,21,960	13,18,729	...	...	...	13,18,729	Expenditure of Rs. 2,757 against the estimate of Rs. 2,668 both direct and indirect sanctioned in Government Resolution (Public Works Department), No. 2124, dated 8th September 1923 has been included under open Capital sanctions.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

WANGROLI TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated. (Construction estimate closed on 31st March 1909.)	Expenditure against closed estimates.
	Previous.	1922-1923.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1) *Head Works.*					
A. Preliminary Expenses	403	...	403	403	403
B. Land	16,995	...	16,995	16,995	16,995
C. Masonry Works	5,715	...	5,715	5,715	5,715
K. Buildings	6,089	...	6,089	6,089	6,089
L. Earth-work	82,684	...	82,684	82,684	82,684
M. Plantations	134	...	134	134	134
O. Miscellaneous	1,286	...	1,286	1,286	1,286
P. Maintenance	197	...	197	197	197
Total, Head Works ...	1,13,503	...	1,13,503	1,13,503	1,13,503
(2) *Main Canals and Branches.*					
A. Preliminary Expenses	272	...	272	272	272
B. Land	11,025	...	11,025	11,025	11,025
C(*a*). Regulators	8,233	...	8,233	8,233	8,233
C(*b*). Falls and Weirs	300	...	300	300	300
C(*c*). River and Hill Torrent Works ..	247	...	247	247	247
C(*d*). Other Cross Drainage Works ...	35,553	1,808	37,361	37,361	37,361
C(*e*). Bridges	7,766	...	7,766	7,766	7,766
C(*f*). Escapes	208	...	208	208	208
L. Earth-work	25,514	...	25,514	25,514	25,514
M. Plantations	103	...	103	103	103
O. Miscellaneous	7,522	...	7,522	7,522	7,522
P. Maintenance	977	...	977	977	977
Total, Main Canals and Branches ...	97,720	1,808	99,528	99,528	99,528
Carried over ...	2,11,223	1,808	2,13,031	2,13,031	2,13,031

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

WANGROLI TANK.

TANK PROJECT.

No. 2.—Capital Accounts for, and to end of, 1922-1923.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated. (Construction estimate closed on 31st March 1909.)	Expenditure against closed estimates.
	Previous.	1922-1923.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	2,11,223	1,808	2,13,031	2,13,031	2,13,031
II.—ESTABLISHMENT.					
1 & 2. Direction and Account	6,233	440	28,361	28,361	28,361
3. Executive	21,688				
Total II.—Establishment ...	27,921	440	28,361	28,361	28,361
III.—Tools and Plant	1,826	37	1,863	1,863	1,863
IV.—Suspense Accounts	...	...	...	...	...
Loss by Exchange	...	...	...	...	...
Grand Total ...	2,40,970	2,285	2,43,255	2,43,255	2,43,255
V.—Less Receipts on Capital Account ...	743	...	743	743	743
Net Outlay ...	2,40,227	2,285	2,42,512	2,42,512	2,42,512
Apportionment.					
Chargeable to 43.—Minor Works and Navigation	1,83,013	...	1,83,013	1,83,013	1,83,013
Chargeable to 33.—Famine Relief ...	57,214	...	57,214	57,214	57,214
Chargeable to 55.—Construction of Irrigation Works	...	2,285	2,285	2,285	2,285
Total ...	2,40,227	2,285	2,42,512	2,42,512	2,42,512

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

WANGROLI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	48,025	6,856	54,881	1. Head Works ...	1,809	...	1,809
3. Sales of water ...	1,886	...	1,886	2. Main Canals and Branches... ...	12,061	382	12,443
4. Water-supply of towns ..	20	26	46	Total ...	13,870	382	14,252
5. Plantations ...	21	...	849				
6. Other canal produce ...	746	82					
9. Rents of buildings.	2	...	2	II.—MAINTENANCE AND REPAIRS.			
10. Fines ...	...	15	15	1. Head Works ...	34,862	1,437	36,299
11. Miscellaneous receipts	5,125	175	5,300	2. Main Canals and Branches.. ...	41,269	4,259	45,528
12. *Deduct* Refunds ...	37	...	37	Total ...	76,131	5,696	81,827
Total ...	55,788	7,154	62,942				
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department.	28,945	7,102	36,047	IV.—ESTABLISHMENT.			
				1. & 2. Direction and Accounts... ..	29,075	1,480	30,555
				3. Executive			
				Total ..	29,075	1,480	30,555
				V.—TOOLS AND PLANT ...	1,910	124	2,034
				VI.—REFUNDS OF REVENUE	103	...	103
				Total ...	1,21,089	7,682	1,28,771
				Share of Collection Charges in the Civil Department	5,438	1,053	6,491
				Total, Direct Charges ...	1,26,527	8,735	1,35,262
				Indirect Charges debitable to Revenue Account as per Account No. 5	4,156	268	4,424
				Total Charges ...	1,30,683	9,003	1,39,686
				Balance Net Revenue...	—45,950	5,253	—40,697
Total, Receipts ...	84,733	14,256	98,989	Grand Total ...	84,733	14,256	98,989

N.B.—Last Capital Account detailed in the Administrative Accounts for 1917-18.

Construction Estimate closed on 31st March 1909—*vide* Government Resolution No. 902, dated 31st March 1909.
Completion Report approved in Government Resolution No. 729, dated 19th March 1910.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

WANGROLI TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-22.	1,33,352	Net Revenue realized to end of 1921-22	−45,950
Interest charges for the year 1922-1923...	8,078	Net Revenue realized during 1922-23 ...	5,253
Rs.			
On Rs. 2,38,960 outlay to end of the year 1916-17 at the average rate 3·3252 per cent. ... 7,946	...		−40,697
On subsequent outlay Rs. 2,410 at 5·42 per cent. 132	...	Balance net interest charges ...	1,82,127
Total ...	1,41,430	Total ...	1,41,430

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue ...	46,793	.....	46,793
2. Leave and Pension Allowances ...	3,910	62	3,972
3. Audit and Accounts Establishment ...	.....	18	18
Total ...	50,703	80	50,783
REVENUE—			
1. Capitalized abatement of Land Revenue ...	19	.....	19
2. Leave and Pension Allowances	4,069	207	4,276
3. Audit and Accounts Establishment	68	61	129
Total ...	4,156	268	4,424

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-23.

IRRIGATION WORKS.

WANGROLI TANK.

TANK PROJECT.

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanction.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
DIRECT CHARGES.								
Works ...	1,83,510	29,521	2,13,031	...	...	...	2,13,031	
Establishment ...	23,033	5,328	28,361	...	...	...	28,361	
Tools and Plant ...	1,502	361	1,863	...	...	...	1,863	
Suspense Accounts ...	...	...	...	...	...	...	...	
Total ...	2,08,045	35,210	2,43,255	...	...	...	2,43,255	
Less—Receipts on Capital Account ...	743	...	743	...	...	...	743	
Net Total ...	2,07,302	35,210	2,42,512	...	...	...	2,42,512	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	28,460	18,333	46,793	...	...	...	46,793	
Leave and Pension Allowance ...	3,225	747	3,972	...	...	...	3,972	
Audit and Accounts Establishment ...	...	18	18	...	...	...	18	
Total ...	31,685	19,098	50,783	...	...	...	50,783	
Grand Total ...	2,38,987	54,308	2,93,295	...	..	...	2,93,295	

Expenditure of Rs. 2,936 against an estimate of Rs. 2,936 sanctioned in Government Resolution (Public Works Department), No. 2194, dated 11th September 1922 has been included under expenditure against open capital sanctions closed during the year.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

TRANZA-NAGRAMA TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	5,228	101	5,329	1. Head Works ...	6,055	....	6,055
5. Plantations ...	1	...	1	2. Main Canals and Branches ...	399	...	399
9. Other Canal produce ...	2,277	113	2,390	Total ...	6,454	...	6,454
10. Fines ...	16	...	16	II.—MAINTENANCE AND REPAIRS.			
11 Miscellaneous receipts ...	5,347	991	6,338	1. Head Works ...	17,270	1,039	18,309
Total ...	12,869	1,205	14,074	2. Main Canals and Branches ...	10,032	1,198	11,230
II.—INDIRECT RECEIPTS.				Total ...	27,302	2,237	29,539
Irrigation share of Land Revenue collected in the Civil Department	660	...	660	IV.—ESTABLISHMENT.			
Total ...	660	...	660	1 & 2. Direction and Accounts ... 3. Executive ...	12,283	545	12,828
Total, Receipts ...	13,529	1,205	14,734	Total ...	12,283	545	12,828
				V.—TOOLS AND PLANT ...	750	46	796
				VI.—REFUNDS OF REVENUE ...	199	...	199
				Total ...	46,988	2,828	49,516
				Share of Collection Charges in the Civil Department	378	5	383
				Total Direct charges ...	47,366	2,833	50,199
				Indirect Charges debitable to Revenue Account as per Account No. 5	1,781	98	1,879
				Total Charges ...	49,147	2,931	52,078
				Balance Net Revenue ...	—35,618	—1,726	—37,344
Grand Total ...	13,529	1,205	14,734	Grand Total ...	13,529	1,205	14,734

N.B.—Last Capital Account detailed in the Administrative Accounts for 1913-1914. Construction Estimate closed on 30th June 1909 —*vide* Government Resolution No. 3496, dated 12th October 1909. Completion Report approved in Government Resolution No. 1730, dated 6th August 1910.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

TRANZA NAGRAMA TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-22.	1,48,214	Net Revenue realized to end of 1921-22.	−35,618
Interest charges for the year 1922-23 ...	7,915	Net Revenue realized during 1922-23 ...	−1,726
On Rs. 2,38,032 outlay to end of the year 1916-17 at the average rate 3·3252 per cent	...		−37,344
Subsequent outlay *nil*	...	Balance net interest charges ...	1,93,473
Total ...	1,56,129	Total ...	1,56,129

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1923-1923.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue	38	.....	38
2. Leave and Pension Allowances	1,719	76	1,795
3. Audit and Account Establishment	24	22	46
Total ...	1,781	98	1,879

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

SA'VALI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	42,506	10,800	53,306	1. Head Works ...	2,305	...	2,305
3. Sales of water ...	20	...	20	2. Main Canals and Branches ..	2,356	...	2,356
5 Plantations ...	65	...	65				
6. Other Canal produce...	487	320	807	Total ...	4,661	...	4,661
10. Fines ...	14	..	14				
11 Miscellaneous receipts	3,839	400	4,239				
12. *Deduct* Refunds ...	82	...	82	II.—MAINTENANCE AND REPAIRS.			
Total ...	46,849	11,520	58,369	1. Head Works ...	50,002	1,581	51,583
				2. Main Canals and Branches ...	19,716	2,992	22,708
II.—INDIRECT RECEIPTS.				Total ...	69,718	4,573	74,291
Irrigation share of Land Revenue collected in the Civil Department ...	2	...	2	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	22,745	1,114	23,859
Total ...	2	...	2	3. Executive ...			
Total, Receipts ...	46,851	11,520	58,371	Total ...	22,745	1,114	23,859
				V.—TOOLS AND PLANT	1,544	93	1,637
				VI.—REFUNDS OF REVENUE ...	48	...	48
				Total ...	98,716	5,780	1,04,496
				Share of collection Charges in the Civil Department ...	2,130	540	2,670
				Total Direct charges.	1,00,846	6,320	1,07,166
				Indirect Charges debitable to Revenue Account as per Account No. 5	3,682	202	3,884
				Total Charges ...	1,04,528	6,522	1,11,050
				Balance Net Revenue ...	—57,677	4,998	—52,679
Grand Total ...	46,851	11,520	58,371	Grand Total ...	46,851	11,520	58,371

N. B.—Last Capital Account detailed in the Administrative Accounts for 1912-13. Construction Estimate closed on 31st March 1910—*vide* Government Resolution No. 66, dated 12th January 1910. Completion Report approved in Government Resolution No. 2677, dated 16th March 1912.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

SA'VLI TANK.

TANK PORJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-22.	1,28,825	Net Revenue realized to end of 1921-22.	−57,677
Interest charges for the year 1922-23 ...	7,787	Net Revenue realized during 1922-23 ...	4,998
On Rs. 2,34,179 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.	...		−52,679
Subsequent outlay *nil*	...	Balance net interest charges ...	1,89,201
Total ...	1,36,612	Total ...	1,36,612

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue ...	449	.....	449
2. Leave and Pension Allowances ...	3,184	156	3,340
3. Audit and Accounts Establishment ...	49	46	95
Total ..	3,682	202	3,884

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

SA'HIAT TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	13,903	1,788	15,691	1. Head Works ...	2,460	...	2,460
5. Plantations ...	15	...	15	2. Main Canals and Branches ..	4,443	...	4,443
6. Other canal produce	1,145	100	1,245	3. Distributaries ...	612	...	612
11. Miscellaneous receipts	2,793	195	2,988	Total ...	7,515	...	7,515
Total ...	17,856	2,083	19,939	II.—MAINTENANCE AND REPAIRS.			
II.—INDIRECT RECEIPTS.				1. Head Works ...	43,098	1,578	44,676
				2. Main Canals and Branches... ..	28,827	3,391	32,218
Irrigation share of Land Revenue collected in the Civil Department	4,453	3,666	8,119	Total ...	71,925	4,969	76,894
				IV.—ESTABLISHMENT.			
				1. & 2. Direction and Accounts	23,794	1,210	25,004
Total ...	4,453	3,666	8,119	3. Executive			
				Total ...	23,794	1,210	25,004
Total, Receipts ...	22,309	5,749	28,058	V.—TOOLS AND PLANT ...	1,667	102	1,769
				VI.—REFUNDS OF REVENUE ...	1	...	1
				Total ...	1,04,902	6,281	1,11,183
				Share of Collection Charges in the Civil Department	1,139	456	1,595
				Total Direct Charges ...	1,06,041	6,737	1,12,778
				Indirect Charges debitable to Revenue Account as per Account No. 5	3,376	219	3,595
				Total, Charges ...	1,09,417	6,956	1,16,373
				Balance Net Revenue ...	—87,108	—1,207	—88,315
Grand Total ...	22,309	5,749	28,058	Grand Total ...	22,309	5,749	28,058

N.B.—Last Capital Account detailed in the Administrative Accounts for 1911-12. Construction Estimate closed on 31st March 1912—*vide* Government Resolution No. 2068, dated 18th October 1911. Completion Report approved in Government Resolution No. 10180, dated 7th October 1913.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

SA'HIA'T TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-22.	68,598	Net Revenue realized to end of 1921-22.	-87,108
Interest charges for the year 1922-23 ...	5,269	Net Revenue realized during 1922-23 ...	-1,207
On Rs. 1,58,452 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.			-88,315
		Balance net interest charges ...	1,62,182
Total ...	73,867	Total ...	73,867

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	.....	.....	.....
2. Leave and Pension Allowances	3,332	169	3,501
3. Audit and Accounts Establishment	44	50	94
Total ...	3,376	219	3,595

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

FUTELAO TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	543	131	674	1. Head Works ...	500	...	500
5. Plantations ...	26	...	26				
6. Other canal produce.	141	15	156	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous receipts	749	181	930	1. Head Works' ...	6,198	731	6,929
				2. Main Canals and Branches ...	3,165	667	3,832
Total ...	1,459	327	1,786	Total ...	9,363	1,398	10,761
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	2,314	340	2,654
Total, Receipts ...	1,459	327	1,786	3. Executive ...			
				Total ...	2,314	340	2,654
				V.—TOOLS AND PLANT...	183	29	212
				Total ...	12,360	1,767	14,127
				Share of Collection Charges in the Civil Department ...	28	7	35
				Ttoal Direct charges.	12,388	1,774	14,162
				Indirect Charges debitable to Revenue Account as per Account No. 5	338	62	400
				Total, Charges ...	12,726	1,836	14,562
				Balance Net Revenue ...	—11,267	—1,509	—12,776
Grand Total ...	1,459	327	1,786	Grand Total ...	1,459	327	1,786

N.B.—Last Capital Account detailed in the Administrative Accounts for 1916-17. Construction Estimate closed on 30th November 1916.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

FUTELAO TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-22.	25,370	Net Revenue realized to end of 1921-22.	—11,267
Interest charges for the year 1922-23 ...	3,570	Net Revenue realized during 1922-1923. ...	—1,509
On Rs. 1,07,356 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.			—12,776
		Balance net interest charges ...	41,716
Subsequent outlay—*nil.*			
Total ...	28,940	Total ...	28,940

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	...	...	...
2. Leave and Pension Allowances	324	48	372
3. Audit and Accounts Establishment	14	14	28
Total ...	338	62	400

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

LOWER PÁNJHRA RIVER WORKS.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	4,48,311	16,477	4,64,788	1. Head Works ...	1,428	...	1,428
				2. Main Canals and Branches	34,211	...	34,211
				3. Distributaries ...	9,358	...	9,358
3. Sales of water ...	440	...	440	Total ...	44,997	...	44,997
5. Plantations ...	27,321	...	29,381	II.—MAINTENANCE AND REPAIRS.			
6. Other Canal Produce		2,060		1. Head Works ...	35,958	549	36,507
				2. Main Canals and Branches	17,740	137	17,877
				3. Distributaries ...	72,455	78	72,533
9. Rents of Buildings.	48	...	48	4. Drainage and Protective Works ...	2,728	...	2,728
10. Fines	503	...	503	Total ...	1,28,881	764	1,29,645
11. Miscellaneous Receipts	6,510	...	6,510	IV.—ESTABLISHMENT.			
12. *Deduct* Refunds ...	11	...	11				
Total ...	4,83,122	18,537	5,01,659	1 & 2. Direction and Accounts	1,09,169	1,643	1,10,812
II.—INDIRECT RECEIPTS.				3. Executive			
Irrigation share of Land Revenue collected in the Civil Department.	2,36,129	9,947	2,46,076	Total ...	1,09,169	1,643	1,10,812
				V.—TOOLS AND PLANT ...	3,208	27	3,235
Total ...	2,36,129	9,947	2,46,076	Profit and Loss	19	...	19
Total, Receipts ...	7,19,251	28,484	7,47,735	VI.—REFUNDS OF REVENUE	3,896	...	3,896
				Suspense Account ...	140	...	140
				Total ...	2,90,310	2434	2,92,744
				Share of Collection Charges in the Civil Department	61,657	2,444	64,101
				Total, Direct Charges ...	3,51,967	4,878	3,56,845
				Indirect Charges debitable to Revenue Account as per Account No. 5	15,883	238	16,121
				Total, Charges ...	3,67,850	5,116	3,72,966
				Balance Net Revenue ...	3,51,401	23,368	3,74,769
Grand Total ...	7,19,251	28,484	7,47,735	Grand Total ...	7,19,251	28,484	7,47,735

N. B.—Last Capital Account detailed in the Administrative Accounts for 1898-99. Construction Estimate closed on 31st March 1895—*vide* Government Resolution No. 148, dated 31st January 1896. Completion Report approved in Government Resolution No. 1892, dated 3rd October 1895.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

LOWER PÁNJHRA RIVER WORKS.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922	8,57,311	Net revenue realized to end of 1921-1922 .	3,51,401
Interest charges for the year 1922-1923.	14,810	Do. during 1922-1923 ...	23,368
On Rs. 4,43,382 outlay to end of 1916-17 at the average rate 3·3252 per cent.			3,74,769
		Balance net interest charges	4,97,352
Subsequent outlay—*nil.*			
Total ...	8,72,121	Total ...	8,72,121

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	94	...	94
2. Leave and Pension Allowances	15,706	230	15,936
3. Audit and Accounts	83	8	91
Total ...	15,883	238	16,121

IRRIGATION BRANCH. **BOMBAY PRESIDENCY**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

HARTA'LA TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation	18,373	179	18,552	1. Head Works ...	5,011	...	5,011
3. Sales of water ...	140	...	140	2. Main Canals and Branches ...	426	158	584
5. Plantations	18	9	27				
6. Other canal produce.	13,304	294	13,598	Total ...	5,437	158	5,595
10. Fines	260	...	260				
11. Miscellaneous Receipts.	19,355	272	19,627	II.—MAINTENANCE AND REPAIRS.			
Total ...	51,450	754	52,204	1. Head Works ...	6,890	...	6,890
				2. Main Canals and Branches ...	379	418	797
II. - INDIRECT RECEIPTS.				3. Distributaries ...	1,342	...	1,342
Irrigation share of Land Revenue collected in the Civil Department...	...	...	...	Total ...	8,611	418	9,029
Total, Receipts ...	51,450	754	52,204	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ... 3. Executive	9,328	341	9,669
				Total ...	9,328	341	9,669
				V.—TOOLS AND PLANT.	235	20	255
				VI—REFUNDS OF REVENUE ...	2,957	...	2,957
				Total ...	26,568	937	27,505
				Share of Collection Charges in the Civil Department ...	1,735	22	1,757
				Total, Direct Charges.	28,303	959	29,262
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	1,329	54	1,383
				Total, Charges ...	29,632	1,013	30,645
				Balance Net Revenue ...	21,818	—259	21,559
Grand Total ...	51,450	754	52,204	Grand Total ...	51,450	754	52,204

N. B.—Last Capital Account detailed in the Administrative Accounts for 1886-1887. Construction Estimate closed on 31st March 1887 —*vide* Government Resolution No, 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1224, dated 31st July 1894.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

HARTA'LA TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-22 ...	90,760	Net Revenue realized to end of 1921-22...	21,818
Interest charges for the year 1922-23 ...	1,594	Net Revenue realized during 1922-1923...	- 259
			21,559
On Rs. 47,948 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.		Balance net interest charges ...	70,795
Subsequent outlay—*nil.*			
Total ...	92 354	Total ...	92,354

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars	Previous.	1922-1923.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	...	...	...
2. Leave and Pension Allowances	1,321	48	1,369
3. Audit and Accounts	8	6	14
Total ...	1,329	54	1,383

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

MHASWA TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	34,079	1,775	35,854	1. Head Works ...	6,774	...	6,774
3. Sales of water ...	14	...	14	2. Main Canals and Branches ..	3,600	437	4,037
5. Plantations ...	11,342	157	11,777	3. Distributaries ...	586	...	586
6. Other canal produce.		278					
9. Rents of buildings.	154	...	154	Total ...	10,960	437	11,397
10. Fines... ...	5	...	5				
11. Miscellaneous receipts ...	15,935	366	16,301	II.—MAINTENANCE AND REPAIRS.			
Total ...	61,529	2,576	64,105	1. Head Works ...	4,347	...	4,347
				2. Main Canals and Branches ...	7,534	715	8,249
II.—INDIRECT RECEIPTS.				3. Distributaries ...	16,450	109	16,559
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	Total ...	28,331	824	29,155
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	28,200	745	28,945
Total, Receipts ...	61,529	2,576	64,105	3. Executive			
				Total ...	28,200	745	28,945
				V.—TOOLS AND PLANT...	1,331	44	1,375
				Profit and Loss ...	149	...	149
				VI.—REFUNDS OF REVENUE	212	...	212
				Total ...	69,183	2,050	71,233
				Share of Collection Charges in the Civil Department	1,732	89	1,821
				Total, Direct Charges ...	70,915	2,139	73,054
				Indirect Charges debitable to Revenue Account as per Account No. 5	4,246	117	4,363
				Total, Charges ...	75,161	2,256	77,417
				Balance Net Revenue ...	—13,632	320	—13,312
Grand Total ...	61,529	2,576	64,105	Grand Total ...	61,529	2,576	64,105

N.B.—Last Capital Account detailed in the Administrative Accounts for 1893-94. Construction Estimate closed on 31st March 1897—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1224, dated 31st July 1894.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

MHASW'A TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1922-23.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922.	2,19,908	Net Revenue realized to end of 1921-1922.	—13,632
Interest charges for the year 1922-1923.	4,282		
On Rs 1,28,781 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.		Net Revenue realized during 1922-1923 ...	320
			—13,312
Subsequent outlay—*nil.*		Balance net interest charges	2,37 502
Total ...	2,24,190	Total ...	2,24,190

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	120	.....	120
2. Leave and Pension Allowances	4,108	104	4,212
3. Audit and Accounts	18	13	31
Total ...	4,246	117	4,363

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-23.

JA'MDA' CANAL.

CANAL PROJECT.

No. 2—Capital Account for, and to end of, 1922-1923.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated (Construction estimate closed on 31st March 1902.)	Expenditure against closed estimates.
	Previous.	1922-23.	Total.		
1	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS.					
(1) Head Works.					
B. Land ...	250	...	250	250	250
C. Works ...	95,149	...	95,149	95,149	95,149
K. Buildings ...	11,689	...	11,689	11,689	11,689
Total, Head Works ...	1,07,088		1,07,088	1,07,088	1,07,088
(2) Main Canals and Branches.					
A. Preliminary Expenses ...	1,917	...	1,917	1,917	1,917
B. Land ...	1,905	...	1,905	1,905	1,905
F. River and hill torrent works ...	2,03,832	174	2,04,006	2,03,832	2,03,832
G. Bridges ...	31,947	...	31,947	31,947	31,947
H. Escapes ...	6,317	...	6,317	6,317	6,317
K. Buildings ...	8,431	...	8,431	8,431	8,431
L. Earth-work ...	3,55,087	...	3,55,087	3,55,087	3,55,087
M. Plantations ...	15,843		15,843	15,843	15,843
O. Miscellaneous ...	4,033	...	4,033	4,033	4,033
Total, Main Canals and Branches ...	6,29,312	174	6,29,486	6,29,312	6,29,312
(3) Distributaries.					
A. Preliminary Expenses ...	70	...	70	70	70
B. Land ...	14	...	14	14	14
C. Works ...	26,656	2,179	28,835	26,656	26,656
L. Earth-work ...	21,232	53	21,285	21,232	21,232
O. Miscellaneous ...	1,857	...	1,857	1,857	1,857
Total, Distributaries ...	49,829	2,232	52,061	49,829	49,829
Total, I—Works ...	7,86,229	2,406	7,88,635	7,86,229	7,86,229
II.—ESTABLISHMENT.					
1 and 2. Direction and Accounts ...	9,797	469	1,92,310	9,797	9,797
3. Executive ...	1,82,044			1,82,044	1,82,044
Total, Establishment ...	1,91,841	469	1,92,310	1,91,841	1,91,841
III.—TOOLS AND PLANT ...	13,129	83	13,212	13,129	13,129
Grand Total ...	9,91,199	2,958	9,94,157	9,91,199	9,91,199
V.—*Less*—Receipts on Capital Account ...	21	...	21	21	21
Net Outlay ...	9,91,178	2,958	9,94,136	9,91,178	9,91,178
APPORTIONMENT.					
Chargeable to 43—Minor Works and Navigation ...	9,91,178	...	9,91,178	9,91,178	9,91,178
Chargeable to 55—Construction of Irrigation Works ...	...	2,958	2,958	...	...
Total ...	9,91,178	2,958	9,94,136	9,91,178	9,91,178

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

JA'MDA' CANAL.

CA'NA'L PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total. Previous.	1922-1923.	Total.	Charges.	Total. Previous.	1922-1923.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation	3,21,233	7,266	3,28,499	1. Head Works ...	8,605	...	8,605
3. Sales of water ...	212	...	212	2. Main Canals and Branches ...	27,575	−2,068	25,507
5. Plantations	63,987	8,321	73,077	3. Distributaries ...	1,464	...	1,464
6. Other canal produce.		769		Total ...	37,644	−2,068	35,576
9. Rents of buildings ...	2,106	5	2,111				
10. Fines	153	...	153	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous receipts	2,789	...	2,789	1. Head Works ...	20,093	4	20,097
12. *Deduct*—Refunds ...	134	−20	114	2. Main Canals and Branches ...	2,52,427	5,537	2,57,964
Total ...	3,90,346	16,381	4,06,727	3. Distributaries ...	16,400	15	16,415
				Total ...	2,88,920	5,556	2,94,476
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department...	...	...	...	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	2,37,806	2,059	2,39,865
Total Receipts ...	3,90,346	16,381	4,06,727	3. Executive			
				Total ...	2,37,806	2,059	2,39,865
				V.—TOOLS AND PLANT ...	6,746	121	6,867
				Profit and Loss ...	84	...	84
				VI.—REFUNDS OF REVENUE	1,102	..	1,102
				Total ...	5,72,302	5,668	5,77,970
				Share of Collection Charges in the Civil Department	15,994	363	16,357
				Total Direct Charges ...	5,88,296	6,031	5,94,327
				Indirect Charges debitable to Revenue Account as per Account No. 5	36,835	323	37,158
				Total, Charges ...	6,25,131	6,354	6,31,485
				Balance Net Revenue ...	−2,34,785	10,027	−2,24,758
Grand Total ...	3,90,346	16,381	4,06,727	Grand Total ...	3,90,346	16,381	4,06,727

N. B.—Construction Estimate closed on 31st March 1902—*vide* Government Resolution No. 5163, dated 1st May 1915. Completion Report approved in Government Resolution No. 5163, dated 1st May 1915.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

JA'MDA' CANAL.

CA'NA'L PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-22 ..	20,58,028	Net Revenue realized to end of 1921-22.	– 2,34,785
Interest charges for the year 1922-23 ..	33,040	Net Revenue realized during 1922-23 ...	10,027
On Rs. 9,91,178 outlay to end of the year 1915-17 at the average rate 3·3252 per cent. ... ... Rs. 32,959			– 2,24,758
Subsequent outlay Rs. 1,479 (Half of 1922-23) at 5·48 per cent. 81		Balance net interest charges ..	23,15,826
Total ...	20,91,068	Total ...	20,91,068

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-23.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	12,015	...	12,015
2. Leave and Pension Allowances	37,896	66	37,962
3. Audit and Accounts Establishments	.. ...	24	24
Total ..	49,911	90	50,001
REVENUE—			
1. Capitalized abatement of Land Revenue	446	.....	446
2. Leave and Pension Allowances	36,299	288	36,587
3. Audit and Accounts	90	35	125
Total ...	36,835	323	37,158

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

JA'MDA' CANAL.

CANAL PROJECT.

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
DIRECT CHARGES.								
Works ...	7,86,229	...	7,86,229	2,406	...	—2,406	7,88,635	Sanction to schedule of incomplete works is awaited.
Establishment ...	1,91,841	...	1,91,841	469	...	—469	1,92,310	
Tools and Plant ...	13,129	...	13,129	83	...	—83	13,212	
Total ...	9,91,199	...	9,91,199	2,958	...	—2,958	9,94,157	
Less—Receipts on Capital Account ...	21	...	21	...	...	...	21	
Net Total ...	9,91,178	...	9,91,178	2,958	...	—2,958	9,94,136	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	12,015	...	12,015	...	...	...	12,015	
Leave and Pension Allowances. ...	37,896	...	37,896	66	...	—66	37,962	
Audit and Accounts Establishment ...	...	...	...	24	...	—24	24	
Total ...	49,911	...	49,911	90	...	—90	50,001	
Grand Total ...	10,41,089	...	10,41,089	3,048	...	—3,048	10,44,137	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

BHA'TODI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	TOTAL. Previous.	1922-1923.	Total.	Charges.	TOTAL. Previous.	1922-1923.	Total.
	Rs	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
				1. Head Works ...	4,216	...	4,216
1. Water-rates from Irrigation ...	1,59,541	10,430	1,69,971	2. Main Canals and Branches ...	9,324	...	9,324
3. Sales of water ...	16	...	16	Total ...	13,540	...	13,540
5. Plantations ...							
6. Other canal produce ...	12,382	650 305	13,337	II.—MAINTENANCE AND REPAIRS.			
				1. Head Works ...	20,374	1,291	21,665
9. Rents of buildings ...	197	5	202	2. Main Canals and Branches ...	80,737	898	81,635
10. Fines ...	315	...	315	3. Distributaries ...	5,456	312	5,768
11. Miscellaneous Receipts ...	29,812	1,460	31,272	Total ...	1,06,567	2,501	1,09,068
12. *Deduct*-Refunds ...	...	17	17				
				III.—COMPENSATION ...	9	...	9
Total ...	2,02,263	12,833	2,15,096	IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS.				1. & 2. Direction and Accounts ...	85,554	1,166	86,720
				3. Executive ...			
Irrigation share of Land Revenue collected in the Civil Department ...	50,219	5,215	55,434	Total ...	85,554	1,166	86,720
Revenue on lands irrigated by percolation as per Government Resolution No. 1757, dated 16th October 1891.				V.—TOOLS AND PLANT ...	2,205	87	2,292
				VI.—REFUNDS OF REVENUE.	1,265	...	1,265
				Total ...	2,09,140	3,754	2,12,894
Increased Land Revenue as per Government Resolution No. 203, dated 30th March 1878...	6,718	146	6,864	Share of Collection Charges in the Civil Department...	13,483	1,043	14,526
				Total, Direct Charges ...	2,22,623	4,797	2,27,420
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	12,438	188	12,626
Total ...	56,937	5,361	62,298				
				Total, Charges ...	2,35,061	4,985	2,40,046
Total, Receipts ...	2,59,200	18,194	2,77,394	Balance, Net Revenue ...	24,139	13,209	37,348
Grand Total ...	2,59,200	18,194	2,77,394	Grand Total ...	2,59,200	18,194	2,77,394

N.B.—Last Capital Account detailed in the Administrative Accounts for 1891-92. Construction Estimate closed on 31st March 1892—*Vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1797, dated 19th November 1894.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

BHA'TODI TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922.	6,90,132	Net Revenue realized to end of 1921-1922 .	24,139
Interest charges for the year 1922-1923 ...	11,727	Net Revenue realized during 1922-1923 ...	13,209
On Rs. 3,52,685 outlay to end of the year 1916-1917 at the average rate 3·2252 per cent.			37,348
Subsequent outlay Nil.		Balance, net interest charges... ...	6,64,511
Total ...	7,01,859	Total ...	7,01,859

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	102	...	102
2. Leave and Pension Allowances	12,300	163	12,463
3. Audit and Accounts	36	25	61
Total ...	12,438	188	12,626

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

EKRUK TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	7,69,790	49,767	8,19,557	1. Head Works	7,455	1,064	8,519
3. Sales of water ...	7,18,704	1,10,782	8,29,486	2. Main Canals and Branches	50,097	...	50,097
4. Water-supply of towns... ...	2,66,390	...	2,66,390	3. Distributaries	1,075	...	1,075
5. Plantations ...	2,02,212	207	2,09,755	Total ...	58,627	1,064	59,691
6. Other Canal produce ...		7,336		II.—MAINTENANCE AND REPAIRS.			
9. Rents of Buildings	367	9	376	1. Head Works	99,976	1,550	1,01,526
10. Fines	...	52	52	2. Main Canals and Branches	2,77,971	4,458	2,82,429
11. Miscellaneous Receipts ...	31,047	1,005	32,052	3. Distributaries	7,607	135	7,742
12. *Deduct*-Refunds	...	116	116	Total ...	3,85,554	6,143	3,91,697
Total ...	19,88,510	1,69,042	21,57,552	III.—COMPENSATION ...	69	...	69
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	1 & 2. Direction and Accounts 3. Executive ...	2,70,992	3,305	2,74,297
				Total ...	2,70,992	3,305	2,74,297
				V.—TOOLS AND PLANT ...	8,618	250	8,868
				VI.—REFUNDS OF REVENUE.	1,157	...	1,157
				Suspense Account ...	—71	...	—71
				Total ...	7,24,946	10,762	7,35,708
				Share of Collection Charges in the Civil Department...	58,996	7,952	66,948
				Total Direct Charges ...	7,83,942	18,714	8,02,656
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	42,012	535	42,547
				Total Charges ...	8,25,954	19,249	8,45,203
				Balance Net Revenue ...	11,62,556	1,49,793	13,12,349
Grand Total ...	19,88,510	1,69,042	21,57,552	Grand Total ...	19,88,510	1,69,042	21,57,552

N.B.—Last Capital Account detailed in the Administrative Accounts for 1895-1896.
Construction Estimate closed on 31st March 1891—*vide* Government Resolution No. 1253, dated 8th July 1891.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

EKRUK TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1921-1922	24,34,549	Net revenue realized to end of 1921-1922	11,62,556
		Do. during 1922-1923.	1,49,793
Interest charges for the year 1922-1923. On Rs. 12,28,117 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.	40,837		13,12,349
		Balance net Interest charges ...	11,63,037
Subsequent outlay *nil.* Total ...	24,75,386	Total ...	24,75,386

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances...	41,915	463	42,378
3. Audit and Accounts Establishment	97	72	169
Total ...	42,012	535	42,547

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

KOREGAON TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	39,958	1,094	41,052	1. Head Works ...	11,478	20	11,498
				2. Main Canals and Branches	345	...	345
				3. Distributaries ...	7	...	7
5. Plantations ...	2,699	...	2,832	Total ...	11,830	20	11,850
6. Other canal produce		133					
9. Rents of buildings	1	...	1	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous Receipts	480	...	480	1. Head Works ...	9,736	559	10,295
				2. Main Canals and Branches ...	981	...	981
Total ...	43,138	1,227	44,365	3. Distributaries ...	9,358	357	9,715
				Total ...	20,075	916	20,991
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department.	3,089	...	3,089	1 & 2. Direction and Accounts	19,581	430	20,011
				3. Executive			
				Total ...	19,581	430	20,011
				V.—TOOLS AND PLANT ...	321	32	353
Total ...	3,089	...	3,089	VI.—REFUNDS OF REVENUE ...	18	...	18
Total Receipts ...	46,227	1,227	47,454	Total ...	52,325	1,398	53,723
				Share of Collection Charges in the Civil Department	2,348	55	2,403
				Total Direct Charges...	54,673	1,453	56,126
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	2,751	69	2,820
				Total Charges ...	57,424	1,522	58,946
				Balance Net Revenue ...	—11,197	—295	—11,492
Grand Total ...	46,227	1,227	47,454	Grand Total ...	46,227	1,227	47,454

N.B.—Last Capital Account detailed in the Administrative Accounts for 1890-1891. Construction Estimate closed on 31st March 1892—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 655, dated 11th April 1894.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

KOREGAON TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922	68,346	Net revenue realized to end of 1921-1922	−11,197
Interest charges for the year 1922-1923. ...	1,261	Do. during 1922-1923 ...	−295
On Rs. 37,923 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.			−11,492
Subsequent outlay *nil.*		Balance net interest charges	81,099
Total ...	69,607	Total ...	69,607

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	2,743	60	2,803
3. Audit and Accounts Establishment	8	9	17
Total ...	2,751	69	2,820

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

ASHTI TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated (Construction estimate closed on 31st March 1923.)	Expenditure against closed estimates.
	Previous.	1922-23.	Total.		
1					
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1) *Head Works.*					
A. Preliminary Expenses	601	...	601	601	601
B. Land	58,207	...	58,207	58,207	58,207
C. Works	...	2,189	2,189	4,401	...
K. Buildings	3,174	...	3,174	3,174	3,174
L. Earth-work	3,94,782	...	3,94,782	3,94,782	3,94,782
M. Plantations	4,828	...	4,828	4,828	4,828
O. Miscellaneous	784	...	784	784	784
Total, Head Works ...	4,62,376	2,189	4,64,565	4,66,777	4,62,376
(2) *Main Canals and Branches.*					
A. Preliminary Expenses	3,400	...	3,400	3,400	3,400
B. Land	1,686	...	1,686	1,686	1,686
C(a) Regulators	16,433	...	16,433	16,433	16,433
C(c) River and Hill Torrent Works ...	66,667	...	66,667	66,667	66,667
C(e) Bridges	2,652	...	2,652	2,652	2,652
L. Earth-work	37,186	...	37,186	37,186	37,186
M. Plantations	3,215	...	3,215	3,215	3,215
O. Miscellaneous	3,063	...	3,063	3,063	3,063
Total, Main Canals and Branches ...	1,34,302	...	1,34,302	1,34,302	1,34,302
(3) *Distributaries.*					
B. Land	361	...	361	361	361
C. Masonry Works	4,025	...	4,025	4,025	4,025
L. Earth-work	4,910	...	4,910	4,910	4,910
M. Plantations	43	...	43	43	43
O. Miscellaneous	3,219	...	3,219	3,219	3,219
Total Distributaries ...	12,558	...	12,558	12,558	12,558
Total I.—Works ...	6,09,236	2,189	6,11,425	6,13,637	6,09,236
II.—ESTABLISHMENT.					
1 and 2. Direction and Account ...	28,168	427	1,45,511	1,46,030	28,168
3. Executive ...	1,16,916				1,16,916
Total II.—Establishment ...	1,45,084	427	1,46,511	1,46,030	1,45,084
III.—TOOLS AND PLANT ...	8,122	76	8,198	8,188	8,122
Grand Total ...	7,62,442	2,692	7,65,134	7,67,855	7,62,442
V.—*Less*—Receipts on Capital Account ...	5,392	...	5,392	5,392	5,392
Net Outlay ...	7,57,050	2,692	7,59,742	7,62,463	7,57,050
Apportionment.					
Chargeable to 43—Minor Works and Navigation	7,57,050	...	7,57,050	7,57,050	7,57,050
Chargeable to 55—Construction of Irrigation Works	...	2,692	2,692	5,413	
Total ...	7,57,050	2,692	7,59,742	7,62,463	7,57,050

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

ASHTI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				1. Head Works ...	40,034	...	40,034
				2. Main Canals and Branches ...	5,229	...	5,229
1. Water-rates from Irrigation ...	3,59,108	15,851 (a)264	3,75,223	3. Distributaries ...	2,234	...	2,234
3. Sales of water ...	319	23	342	Total ...	47,497	...	47,497
5. Plantations ...	61,674	1,616	64,237	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce		947		1. Head Works ...	46,863	897	47,760
9. Rents of Buildings.	707	...	707	2. Main Canals and Branches ...	68,667	3,772	72,439
10. Fines	25	...	25	3. Distributaries ...	7,175	470	7,645
11. Miscellaneous Receipts	19,920	10,257	30,177	Total ...	1,22,705	5,139	1,27,844
12. *Deduct*—Refunds .	...	4	4	III.—COMPENSATION ...	15	...	15
Total ...	4,41,753	28,954	4,70,707	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	90,416	2,363	92,779
II.—INDIRECT RECEIPTS				3. Executive			
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	Total ...	90,416	2,363	92,779
				V.—TOOLS AND PLANT .	3,565	178	3,743
				VI.—REFUNDS OF REVENUE	1,029	...	1,029
				Total ...	2,65,227	7,680	2,72,907
Total Receipts ...	4,41,753	28,954	4,70,707	Share of Collection Charges in the Civil Department	19,213	793 (a) 264	20,270
				Total Direct Charges...	2,84,440	8,737	2,93,177
				Indirect Charges debitable to Revenue Account as per Account No. 5	12,893	382	13,275
				Total, Charges ...	2,97,333	9,119	3,06,452
				Balance Net Revenue ...	1,44,420	19,835	1,64,255
Grand Total ...	4,41,753	28,954	4,70,707	Grand Total ...	4,41,753	28,954	4,70,707

N.B.—Last Capital Account detailed in the Administrative Accounts for 1901-02. Construction Estimate closed on 31st March 1893 —*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 490, dated 15th March 1894.

(a) Amount adjusted by credits to water-rates and debits *per contra* on account of collection charges for the revenue realized by the Miraj State.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

ASHTI TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1922-23.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922	11,95,005	Net Revenue realized to end of 1921-1922	1,44,420
Interest charges for the year 1922-1923	25,248	Net Revenue realized during 1922-1923.	19,835
On Rs. 7,57,050 outlay to end of the year 1916-17 at the average rate 3·3252 per cent. 25,174			
On subsequent outlay Rs. 1,347 (half of Rs. 2,695 for the year 1922-23) at 5·48 per cent. 74			1,64,255
		Balance net interest charges ...	10,55,998
Total ...	12,20,253	Total ...	12,20,253

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized Abatement of Land Revenue ...	52,311	.....	52,311
2. Leave and Pension Allowances	26,730	60	26,790
3. Audit and Accounts Establishment	.....	22	22
Total ...	79,041	82	79,123
REVENUE—			
1. Capitalized Abatement of Land Revenue	107	.....	107
2. Leave and Pension Allowances	12,720	331	13,051
3. Audit and Accounts Establishment	66	51	117
Total ...	12,893	382	13,275

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

IRRIGATION WORKS.

ASHTI TANK.

TANK PROJECT.

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
DIRECT CHARGES.								
Works ...	6,05,284	3,952	6,09,236	2,189	4,401	2,212	6,11,425	
Establishment ...	1,44,175	909	1,45,084	427	946	519	1,45,511	
Tools and Plant ...	8,122	...	8,122	76	66	—10	8,198	
Total ...	7,57,581	4,861	7,62,442	2,692	5,413	2,721	7,65,134	
Less—Receipts on Capital Account ...	5,392	...	5,392	...	..	...	5,392	
Net Total ...	7,52,189	4,861	7,57,050	2,692	5,413	2,721	7,59,742	
INDIRECT CHARGES.								
Capitalized abatment of Land Revenue ...	52,311	...	52,311	...	...	...	52,311	
Leave and Pension Allowances ..	26,603	127	26,730	60	132	72	26,790	
Audit and Accounts Establishment ...	...	...	...	22	44	22	22	
Total ...	78,914	127	79,041	82	176	94	79,123	
Grand Total ...	8,31,103	4,988	8,36,091	2,774	5,589	2,815	8,38,865	

Government Resolution, Public Works Department, No. 3929, dated 1st February 1923.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

PA'THRI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	TOTAL. Previous.	1922-1923.	Total.	Charges.	TOTAL. Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	73,054	4,080	77,134	1. Head Works ...	4,411	588	4,999
				2. Main Canals and Branches ...	463	...	463
3. Sales of water ...	9,724	5,460	15,184	Total ...	4,874	588	5,462
				II.—MAINTENANCE AND REPAIRS.			
5. Plantations ...	2,684	36	3,046	1. Head Works ...	7,993	1,174	9,167
6. Other canal produce		326		2. Main Canals and Branches ...	7,856	2,280	10,136
				3. Distributaries ...	1,713	97	1,810
9. Rents of Buildings ...	1	...	1	Total ...	17,562	3,551	21,113
11. Miscellaneous Receipts ...	988	310	1,298	IV.—ESTABLISHMENT. 1 & 2. Direction and Accounts ... 3. Executive ...	10,261	1,902	12,163
				Total ...	10,261	1,902	12,163
Total ...	86,451	10,212	96,663	V.—TOOLS AND PLANT ...	1,234	144	1,378
				VI.—REFUNDS OF REVENUE	4	...	4
II.—INDIRECT RECEIPTS.				Suspense Account ..	—46	...	—46
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	Total ...	33,889	6,185	40,074
				Share of Collection Charges in the Civil Department	4,115	477	4,592
				Total, Direct Charges...	38,004	6,662	44,666
Total, Receipts ...	86,451	10,212	96,663	Indirect Charges debitable to Revenue Account as per Account No. 5	1,487	307	1,794
				Total, Charges ...	39,491	6,969	46,460
				Balance Net Revenue ...	46,960	3,243	50,203
Grand Total ...	86,451	10,212	96,663	Grand Total ..	86,451	10,212	96,663

N.B.—Last Capital Account detailed in the Administrative Accounts for 1915-16.
Construction Estimate closed on 31st March 1902—*vide* Government Resolution No. 1654, dated 6th July 1902.
Completion Report approved in Government Resolution No. 2462, dated 22nd November 1910.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

PA'THRI TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1921-1922	4,09,009	Net Revenue realized to end of 1921-1922	46,960
Interest charges for the year 1922-1923.	20,876	Net Revenue realized during 1922-1923 .	3,243
On Rs. 6,27,825 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.			50,203
Subsequent outlay *nil*.		Balance net interest charges ...	3,79,682
Total ...	4,29,885	Total ...	4,29,885

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	1,437	266	1,703
3. Audit and Accounts Establishment	50	41	91
Total ...	1,437	307	1,794

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

KRISHNA' CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	Direct Charges.			Cost of construction as now estimated (Construction estimate closed on 31st March 1892).	Expenditure against closed estimates.
	Previous.	1922-1923.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—*Head Works.*					
A. Preliminary Expenses ...	633	...	633	633	633
C. Works	2,04,990	...	2,04,990	2,07,072	1,45,889
K. Buildings	1,430	...	1,430	1,430	1,430
Total, Head Works ...	2,07,053	...	2,07,053	2,09,135	1,47,952
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses ...	1,649	...	1,649	1,649	1,649
B. Land	16,740	...	16,740	16,740	16,740
F. River and Hill Torrent Works ...	1,95,671	...	1,95,671	1,95,671	1,95,671
G. Bridges	32,208	...	32,208	32,208	32,208
K. Buildings	12,100	...	12,100	12,100	12,100
L. Earth-work	2,32,717	...	2,32,717	2,32,717	2,32,717
M. Plantations	882	...	882	882	882
O. Miscellaneous	513	...	513	513	513
P. Maintenance	3,423	...	3,423	3,423	3,423
Total, Main Canals and Branches ...	4,95,903	...	4,95,903	4,95,903	4,95,903
(3)—*Distributaries.*					
B. Land	562	...	562	562	562
C. Works	16,279	...	16,279	16,279	16,279
L. Earth-work	12,442	...	12,442	12,442	12,442
M. Plantations	2,897	...	2,897	2,897	2,897
Total, Distributaries ...	32,180	...	32,180	32,180	32,180
Total, I.—Works ...	7,35,136	...	7,35,136	7,37,218	6,76,035
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	36,686	...	36,686	1,55,459	33,980
3. Executive ...	1,18,587	...	1,18,587		1,08,540
Total, Establishment ...	1,55,273	...	1,55,273	1,55,459	1,42,520
III.—TOOLS AND PLANT	2,568	...	2,568	2,585	1,982
Grand Total ...	8,92,977	...	8,92,977	8,95,262	8,20,237
V.—*Less*—Receipts on Capital Account.	.....	...	.....	.....	.....
Net Outlay...	8,92,977	...	8,92,977	8,95,262	8,20,237
Apportionment.					
Chargeable to 49—Irrigation ...	8,18,545	...	8,18,545	8,18,545	8,18,545
Chargeable to 43—Minor Works and Navigation	74,432	...	74,432	76,717	1,692
Total ...	8,92,977	...	8,92,977	8,95,262	8,20,237

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

KRISHNA' CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	18,76,189	65,714 (a) 2,249	19,44,152	1. Head Works	2,362	391	3,753
3. Sales of water...	66	4	70	2. Main Canals and Branches	9,169	3,776	12,945
4. Water-supply of towns ...	6,232	...	6,232	3. Distributaries	565	...	565
5. Plantations ...		...					
6. Other Canal produce ...	87,371	920	88,291				
				Total ..	13,096	4,167	17,263
9. Rents of Buildings	2,773	...	2,773				
11. Miscellaneous Receipts ...	425	...	425	II.—MAINTENANCE AND REPAIRS.			
12. Deduct Refunds .	263	2,883	3,146				
				1. Head Works	15,567	1,244	16,811
Total ...	19,72,793	66,004	20,38,797	2. Main Canals and Branches	3,52,418	5,782	3,58,200
				3. Distributaries... ...	24,680	...	24,680
				4. Drainage and Protective Works ...	395	...	395
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	Total ..	3,93,060	7,026	4,00,086
				III.—COMPENSATION ...	21,435	(a) 404	21,839
Total, Receipts ...	19,72,793	66,004	20,38,797				
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ... 3. Executive	2,50,321	4,986	2,55,307
				Total ...	2,50,321	4,986	2,55,307
				V.—TOOLS AND PLANT ...	6,558	388	6,946
Carried over ...	19,72,793	66,004	20,38,797	Carried over ...	6,84,470	16,971	7,01,441

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

KRISHNA CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923—continued.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	19,72,793	66,004	20,38,797	Brought forward .	6,84,470	16,971	7,01,441
(a) Amount adjusted by credit to water-rates and debit *per contra* on account of the following charges recovered by the Native States from water-rate collection :—							
I.—Loss of assessment on account of land taken up for the Canals, debited to				VI.—REFUNDS OF REVENUE.	1,632	...	1,632
III.—Compensation— Rs.							
Sangli State ... 253							
Pant Pratinidhi 152				Share of Collection Charges in the Civil Department .	1,17,371	2,603 (a) 1,846	1,21,819
404							
Collection charges—				Total Direct charges ...	8,03,473	21,419	8,24,892
Pant Pratinidhi— Rs. For recovery of water-rates . 1,457				Indirect charges debitable to Revenue Account as per Account No. 5 ...	41,032	810	41,842
Sangli State— For recovery of water-rates . 388							
1,845				Total, Charges ...	8,44,505	22,229	8,66,734
Total ... 2,249				Balance Net Revenue ...	11,28,288	43,775	11,72,063
Grand Total ...	19,72,793	66,004	20,38,797	Grand Total ...	19,72,793	66,004	20,38,797

N.B.—Construction Estimate closed on 31st March 1892, *vide* Government Resolution No. 777, dated 14th May 1892. Completion Report approved in Government Resolution No. 119, dated 22nd January 1894.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922	17,10,443	Net revenue realized to end of 1921-1922	11,28,288
Interest charges for the year 1922-1923. Rs.	29,694		
On Rs. 8,92,260 outlay to end of the year 1916-17 at the average rate 3·3252 per cent. 29,693		Do. during 1922-1923.	43,775
On subsequent outlay Rs. 17 at the average rate 5·48 per cent. 1			11,72,063
		Balance net interest charges	5,68,074
		Total ...	17,40,137
Total ...	17,40,137		

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	21,822	.....	21,822
2. Leave and Pension Allowances	29,660	.....	29,660
3. Audit and Accounts Establishment	.....	.....	.....
Total ...	51,482	.....	51,482

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

KRISHNA CANAL.

CANAL PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923—continued.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	64	.....	64
2. Leave and Pension Allowances	40,831	698	41,529
3. Audit and Accounts Establishment	137	112	249
Total ...	41,032	810	41,842

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	6,60,941	15,094	6,76,035	59,101	61,183	2,082	7,35,136	*Estimate sanctioned in Government of India, Public Works Department, No. 333-I., dated 30th March 1916, communicated in Government Order (Public Works Department), No. W.I.-4726 dated 4th May 1916.*
Establishment ...	1,39,464	3,056	1,42,520	12,753	12,939	186	1,55,273	
Tools and Plant ...	1,682	...	1,682	886	903	17	2,568	
Suspense Accounts ...	...	...	...	...	...	...	...	
Total ...	8,02,087	18,150	8,20,237	72,740	75,025	2,285	8,92,977	
Less—Receipts on Capital Account ..	...	...	...	...	...	...	...	
Net Total ...	8,02,087	18,150	8,20,237	72,740	75,025	2,285	8,92,977	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	17,222	4,600	21,822	...	...	...	21,822	
Leave and Pension Allowances ...	27,446	428	27,874	1,786	1,811	25	29,660	
Total ...	44,668	5,028	49,696	1,786	1,811	25	51,482	
Grand Total ...	8,46,755	23,178	8,69,933	74,526	76,836	2,310	9,44,459	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

MHASWAD TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total. Previous.	1922-1923.	Total.	Charges.	Total. Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	9,49,064	58,563 (a) 340	10,07,967	1. Head Works ...	20,755	...	20,755
				2. Main Canals and Branches ...	2,678	...	2,678
3. Sales of water ...	662	8	670				
4. Water-supply of towns.	29,846	...	29,846	3. Distributaries ...	3,500	72	3,572
5. Plantations ...		1,361					
6. Other canal produce	38,291	295	39,147	Total ...	26,933	72	27,005
9. Rents of buildings.	1,316	...	1,316	II.—MAINTENANCE AND REPAIRS.			
10. Fines	185	...	185				
11. Miscellaneous receipts	57,266	1,243	58,509	1. Head Works ...	66,567	3,604	70,171
12. *Deduct*—Refunds ...	2,376	4,832	7,208	2. Main Canals and Branches ...	1,19,643	1,948	1,21,591
Total ...	10,72,954	57,478	11,30,432	3. Distributaries ...	82,833	1,508	84,341
				Total ...	2,69,043	7,060	2,76,103
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	III.—COMPENSATION ...	75	...	75
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	2,30,299	9,000	2,39,299
				3. Executive			
				Total	2,30,299	9,000	2,39,299
Total Receipts ...	10,72,954	57,478	11,30,432				
				V.—TOOLS AND PLANT ...	6,788	159	6,947
Carried over ...	10,72,954	57,478	11,30,432	Carried over ...	5,33,138	16,291	5,49,429

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

MHASWAD TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923—continued.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought over ...	10,72,954	57,478	11,30,432	Brought over ...	5,33,138	16,291	5,49,429
				VI.—REFUNDS OF REVENUE	423	...	423
				Total ...	5,33,561	16,291	5,49,852
				Share of Collection Charges in the Civil Department	49,158	{2,700 (a) 340}	52,198
				Total Direct Charges ...	5,82,719	19,331	6,02,050
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	32,439	1,331	33,770
				Total Charges ...	6,15,158	20,662	6,35,820
				Balance Net Revenue ...	4,57,796	36,816	4,94,612
Grand Total ...	10,72,954	57,478	11,30,432	Grand Total ...	10,72,954	57,478	11,30,432

N.B.—Last Capital Account detailed in the Administrative Accounts for 1906-1907.
Construction Estimate closed on 31st March 1901, *vide* Government Resolution No. 1197, dated 10th June 1901.
Completion Report approved in Government Resolution No. 1106, dated 22nd April 1903.
(a) Amount adjusted by credit to water rates and debit *per contra* on account of collection charges for the revenue realized by the Aundh State.

Note.—Loss of revenue due to concession granted for wheat cultivation during the Rabi Season 1916-17, *vide* Government Resolution No. A.—I.—12227, dated 18th December 1917—Rs. 2,494.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922	29,38,743	Net revenue realized to end of 1921-1922	4,57,796
Interest charges for the year 1922-1923 on Rs. 20,05,553 outlay to end of 1916-17 at the average rate 3·3252 per cent.	66,688	Do. during 1922-1923.	36,816
			4,94,612
Subsequent outlay *nil*.		Balance net interest charges	25,10,819
Total ...	30,05,431	Total ...	30,05,431

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	58	.....	58
2. Leave and Pension Allowances	32,241	1,260	33,501
3. Audit and Accounts	140	71	211
Total ...	32,439	1,331	33,770

IRRIGATION BRANCH **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

REWA'RI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	1,99,860	2,309	2,02,169	1. Head Works ...	510	...	510
				2. Main Canals and Branches ...	2,283	1,423	3,706
3. Sales of water ...	11	...	11	Total ...	2,793	1,423	4,216
5. Plantations ...	7,221	...	7,395	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce.		174		1. Head Works ...	1,855	46	1,901
				2. Main Canals and Branches ...	60,253	836	61,089
9. Rents of Buildings.	929	33	962	3. Distributaries ...	283	123	406
10. Fines ...	101	...	101	Total ...	62,391	1,005	63,396
11. Miscellaneous Receipts ...	13	...	13	IV.—ESTABLISHMENT.			
				1. & 2. Direction and Accounts ...	41,901	1,081	42,982
				3. Executive ...			
Total ...	2,08,135	2,516	2,10,651	Total ...	41,901	1,081	42,982
				V.—TOOLS AND PLANT ...	2,033	84	2,117
II.—INDIRECT RECEIPTS.				VI.—REFUNDS OF REVENUE	19	...	19
Irrigation share of Land Revenue collected in the Civil Department	...	...	...	Total ...	1,09,137	3,593	1,12,730
				Share of Collection Charges in the Civil Department	9,958	115	10,073
				Total Direct Charges ...	1,19,095	3,708	1,22,803
Total, Receipts ...	2,08,135	2,516	2,10,651	Indirect Charges debitable to Revenue Account as per Account No. 5	6,954	175	7,129
				Total, Charges ...	1,26,049	3,883	1,29,932
				Balance Net Revenue ...	82,086	—1,367	80,719
Grand Total ...	2,08,135	2,516	2,10,651	Grand Total ...	2,08,135	2,516	2,10,651

N.B.—Last Capital Account detailed in the Administrative Accounts for 1895-1896.
Construction Estimate closed on 31st March 1898—*vide* Government Resolution No. 1411, dated 12th September 1893.
Completion Report approved in Government Resolution No. 489, dated 15th March 1895.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

REWA'RI CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922	1,17,354	Net Revenue realized to end of 1921-1922	82,086
Interest charges for the year 1922-1923.	1,888	Net Revenue realized during 1922-1923 .	—1,367
on Rs. 56,771 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.			80,719
		Balance net interest charges ...	38,523
Subsequent outlay *Nil*.			
Total ...	1,19,242	Total ...	1,19,242

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	6,930	151	7,081
3. Audit and Accounts Establishment	24	24	48
Total ...	6,954	175	7,129

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

UPPER MA'N RIVER WORKS.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
				1. Head Works ...	23,523	33	23,556
1. Water-rates from Irrigation ...	1,60,462	5,578	1,66,040	2. Main Canals and Branches ...	4,142	...	4,142
				3. Distributaries ...	170	...	170
3. Sales of water ...	6	...	6	Total ...	27,835	33	27,868
5. Plantations ...	8,603	...	8,662	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce		59		1. Head Works ...	17,278	184	17,462
9. Rents of Buildings.	1,002	...	1,002	2. Main Canals and Branches ...	9,792	1,842	11,634
10. Fines	3	...	3	3. Distributaries ...	73,705	809	74,514
11. Miscellaneous Receipts ...	440	...	440	Total ...	1,00,776	2,835	1,03,610
				III.—COMPENSATION ...	1	...	1
Total ...	1,70,516	5,637	1,76,153	IV.—ESTABLISHMENT.			
				1. & 2. Direction and Accounts ...	60,994	1,278	62,272
II.—INDIRECT RECEIPTS.				3. Executive ...			
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	Total ...	60,994	1,278	62,272
				V.—TOOLS AND PLANT ...	3,838	99	3,935
Total, Receipts ...	1,70,516	5,637	1,76,153	VI.—REFUNDS OF REVENUE	167	...	167
				Total ...	1,93,608	4,245	1,97,853
				Share of Collection Charges in the Civil Department	8,018	279	8,297
				Total, Direct Charges...	2,01,626	4,524	2,06,150
				Indirect Charges debitable to Revenue Account as per Account No. 5	9,138	208	9,346
				Total, Charges ...	2,10,764	4,732	2,15,496
				Balance Net Revenue ...	—40,248	905	—39,343
Grand Total ...	1,70,516	5,637	1,76,153	Grand Total ...	1,70,516	5,637	1,76,153

N.B.—Last Capital Account detailed in the Administrative Accounts for 1906-07.

Construction Estimate closed on 31st March 1892—*vide* Government Resolution No. 1411, dated 12th September 1893.

Completion Report approved in Government Resolution No. 815, dated 22nd May 1895.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

IRRIGATION WORKS.

UPPER MA'N RIVER WORKS.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922	6,90,504	Net Revenue realized to end of 1921-1922	—40,248
Interest charges for the year 1922-1923.	13,827	Net Revenue realized during 1922-1923.	905
On Rs. 4,15,835 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.			—39,343
Subsequent outlay—*Nil.*		Balance net interest charges ...	7,43,074
Total ...	7,04,331	Total ...	7,04,331

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	24	.....	24
2. Leave and Pension Allowances	9,053	179	9,232
3. Audit and Accounts Establishment	61	29	90
Total ...	9,138	208	9,346

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-23.

YERLA RIVER IRRIGATION WORKS.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated. (Construction estimate closed on 31st March 1896).	Expenditure against closed estimates.
	Previous.	1922-1923.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1) *Head Works.*					
A. Preliminary Expenses ...	299	.....	299	299	299
B. Land	38,999	.....	38,999	38,999	38,999
C. Works	3,94,464	.....	3,94,464	3,94,464	3,94,464
K. Buildings	7,747	.....	7,747	7,747	7,747
M. Plantations	3,675	.....	3,675	3,675	3,675
O. Miscellaneous	886	.....	886	886	886
P. Maintenance	271	.....	271	271	271
Total, Head Works ...	4,46,341	.....	4,46,341	4,46,341	4,46,341
(2) *Main Canals and Branches.*					
A. Preliminary Expenses ...	1,021	.....	1,021	1,021	1,021
B. Land	3,518	.....	3,518	3,518	3,518
C. Masonry Works	32,646	.....	32,646	32,646	32,646
C. (e) River and Hill Torrent Works..	... ..	6,518	6,518	6,518	6,518
L. Earth-work	62,876	.....	62,876	62,876	62,876
M. Plantations	229	.....	229	229	229
O. Miscellaneous	2,704	.....	2,704	2,704	2,704
P. Maintenance	899	.....	899	899	899
Total, Main Canals and Branches...	1,03,893	6,518	1,10,411	1,10,411	1,10,411
(3) *Distributaries.*					
A. Preliminary Expenses ...	244	... .	244	244	244
B. Land	747	.....	747	747	747
C. Masonry Works	21,948	.....	21,948	21,948	21,948
K. Buildings	1,048	.....	1,048	1,048	1,048
L. Earth-work	13,953	.....	13,953	13,953	13,953
M. Plantations	459	.....	459	459	459
O. Miscellaneous	1,023	.....	1,023	1,023	1,023
Total, Distributaries ...	39,422	.....	39,422	39,422	39,422
Total, I Works ...	5,89,656	6,518	5,96,174	5,96,174	5,96,174
Carried over ...	5,89,656	6,518	5,96,174	5,96,174	5,96,174

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORK DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-23.

YERLA' RIVER IRRIGATION WORKS.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated. (Construction estimate closed on 31st March 1923.)	Expenditure against closed estimates.
	Previous.	1922-1923.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	5,89,656	6,518	5,96,174	5,96,174	5,96,174
II.—Establishment.					
1 & 2. Direction and Accounts ...	24,453	1,270	1,25,456	1,25,456	1,25,456
3. Executive	99,733				
Total II.—Establishment ...	1,24,186	1,270	1,25,456	1,25,456	1,25,456
III.—Tools and Plant	8,065	226	8,291	8,291	8,291
IV.—Suspense Accounts ...	.....	.....	.....	.....	.....
Grand Total ...	7,21,907	8,014	7,29,921	7,29,921	7,29,921
V.—Less Receipts on Capital Account	2,365	.....	2,365	2,365	2,365
Net Outlay ...	7,19,542	8,014	7,27,556	7,27,556	7,27,556
Apportionment.					
Chargeable to 43—Minor Works and Navigation.	7,19,542	.....	7,19,542	7,27,556	7,27,556
Chargeable to 55—Construction of Irrigation Works.	.....	8,014	8,014		
Total ...	7,19,542	8,014	7,27,556	7,27,556	7,27,556

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

YERLA' RIVER IRRIGATION WORKS.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	TOTAL. Previous.	1922-1923.	Total.	Charges.	TOTAL. Previous.	1922-1923.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ..	4,78,278	20,173	4,98,451	1. Head Works ...	49,818	699	50,517
3. Sales of water ...	23	...	23	2. Main Canals and Branches	15,968	920	16,888
5. Plantations ...	30,912	...	31,705	Total ...	65,786	1,619	67,405
6. Other canal produce		793		II.—MAINTENANCE AND REPAIRS.			
9. Rents of buildings.	934	1	935	1. Head Works ...	41,703	392	42,095
10 Fines	120	...	120	2. Main Canals and Branches	1,33,183	4,742	1,37,925
11. Miscellaneous receipts	1,883	9	1,892	3. Distributaries ...	27,294	1,455	28,749
12. *Deduct* refunds ...	80		80	Total ...	2,02,180	6,589	2,08,769
				IV.—ESTABLISHMENT.			
Total ...	5,12,070	20,976	5,33,046	1. & 2. Direction and Accounts ...	1,22,386	3,657	1,26,043
				3. Executive ...			
				Total ...	1,22,386	3,657	1,26,043
II.—INDIRECT RECEIPTS.				V.—TOOLS AND PLANT ...	5,495	285	5,780
Irrigation share of Land Revenue collected in the Civil Department	...	...	...	VI.—REFUNDS OF REVENUE	71	...	71
				Total ...	3,95,918	12,150	4,08,068
				Share of Collection Charges in the Civil Department	23,906	1,009	24,915
				Total Direct Charges ...	4,19,824	13,159	4,32,983
				Indirect Charges debitable to Revenue Account as per Account No. 5	18,505	594	19,099
Total, Receipts ...	5,12,070	20,976	5,33,046	Total, Charges ...	4,38,329	13,753	4,52,082
				Balance Net Revenue ...	73,741	7,223	80,964
Grand Total ...	5,12,070	20,976	5,33,046	Grand Total ...	5,12,070	20,976	5,33,046

N.B.—Construction Estimate closed on 31st March 1896—*vide* Government Resolution No. 668, dated 12th May 1896.
Completion Report approved in Government Resolution No. 1412, dated 8th October 1897.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-23.

YERLA' RIVER IRRIGATION WORKS.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

		Amount.		Amount.
		Rs.		Rs.
Total interest charges to end of 1921-1922		11,29,697	Net Revenue realized to end of 1921-1922	73,741
Interest charges for the year 1922-1923.		24,146	Net Revenue realized during 1922-1923.	7,223
On Rs. 7,19,542 outlay to end of 1916-17 at the average rate 3·3252 per cent. ...	Rs. 23,926			80,964
Subsequent outlay during 1922-1923 (half of Rs. 8,021)	220		Balance net interest charges ...	10,72,879
Total ...		11,53,843	Total ...	11,53,843

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue ...	22,684	.....	22,684
2. Leave and Pension Allowances	22,644	178	22,822
3. Audit and Accounts Establishment	.....	65	65
Total ...	45,328	243	45,571
REVENUE—			
1. Capitalized abatement of Land Revenue	.....	.....	.....
2. Leave and Pension Allowances	18,338	512	18,850
3. Audit and Accounts	167	82	249
Total ...	18,505	594	19,099

No. 6.—Statement comparing charges to date with sanctioned Estimates.

Particulars.	Charges against closed sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against Construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Expenditure of Rs. 8,266 both direct and indirect incurred during the year 1922-23 against estimate amounting to Rs. 8,285 sanctioned in Government Resolution (Public Works Department), No. 2686, dated 10th November 1922 and 3320, dated 30th January 1923 has been shown under open Capital sanctions closed during the year.
Works ...	5,27,482	68,692	5,96,174	...	...	...	5,96,174	
Establishment ...	1,10,123	15,336	1,25,456	...	...	...	1,25,456	
Tools and Plant ...	7,965	326	8,291	...	...	...	8,291	
Total ..	6,45,567	84,354	7,29,921	...	...	...	7,29,921	
Less—Receipts on Capital Account ...	2,365	...	2,365	...	...	...	2,365	
Net Total ...	6,43,202	84,354	7,27,556	...	...	...	7,27,556	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	22,368	316	22,684	...	...	..	22,684	
Leave and Pension Allowances ...	20,675	2,147	22,822	...	...	...	22,822	
Audit and Accounts Establishment ...	...	65	65	...	...	...	65	
Total ...	43,043	2,528	45,571	...	...	...	45,571	
Grand Total ...	6,86,245	86,882	7,73,127	...	...	...	7,73,127	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

CHIKHLI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	69,920	1,395	71,315	1. Head Works ...	1,516	...	1,516
3. Sales of water ...	1	...	1	2. Main Canals and Branches ...	1,473	699	2,172
5. Plantations ..	5,936	...	6,021	Total ...	2,989	699	3,688
6. Other canal produce		85		II.—MAINTENANCE AND REPAIRS.			
9. Rents of buildings.	50	...	50	1. Head Works ...	1,166	524	1,690
11. Miscellaneous receipts	80	...	80	2. Main Canals and Branches ...	34,529	339	34,868
Total ...	75,987	1,480	77,467	Total ...	35,695	863	36,558
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
				1. & 2. Direction and Accounts ...	22,948	696	23,644
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	3. Executive ...			
				Total ...	22,948	696	23,644
				V.—TOOLS AND PLANT ...	636	54	690
				VI.—REFUNDS OF REVENUE	158	...	158
				Total ...	62,426	2,312	64,738
				Share of Collection Charges in the Civil Department	3,501	70	3,571
				Total Direct Charges ...	65,927	2,382	68,309
				Indirect Charges debitable to Revenue Account as per Account No. 5	3,780	113	3,893
Total, Receipts ...	75,987	1,480	77,467	Total, Charges ...	69,707	2,495	72,202
				Balance Net Revenue ...	6,280	−1,015	5,265
Grand Total ...	75,987	1,480	77,467	Grand Total ...	75,987	1,480	77,467

N.B.—Last Capital Account detailed in the Administrative Accounts for 1882-83.

Construction Estimate closed on 31st March 1883—*vide* Government Resolution No. 1411, dated 12th September 1893.

Completion Report approved in Government Resolution No. 489, dated 15th March 1895.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

CHIKHLI CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922	1,08,701	Net Revenue realized to end of 1921-1922	6,280
Interest charges for the year 1922-1923	1,789	Net Revenue realized during 1922-1923.	—1,015
On Rs. 53,803 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.			5,265
Subsequent outlay—*Nil.*		Balance net interest charges ...	1,05,225
Total ...	1,10,490	Total ...	1,10,490

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue ...	.....	.....	.....
2. Leave and Pension Allowances ...	3,757	97	3,854
3. Audit and Accounts Establishment ...	23	16	39
Total ...	3,780	113	3,893

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

MA'INI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total. Previous.	1922-1923.	Total.	Charges.	Total. Previous.	1922-1923.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	2,60,204	9,956	2,70,160	1. Head Works ...	18,230	1,058	19,288
				2. Main Canals and Branches ...	4,461		4,461
5. Plantations ...	10,055	...	10,177	3. Distributaries ...	123		123
6. Other canal produce		122		Total ...	22,814	1,058	23,872
9. Rents of Buildings	322		322	II.—MAINTENANCE AND REPAIRS.			
10. Fines	54		54	1. Head Works ...	16,072	1,349	17,421
11. Miscellaneous Receipts	266		266	2. Main Canals and Branches ...	5,197	789	5,986
12. Deduct Refunds...	13		13	3. Distributaries ...	69,772	810	70,582
				Total ...	91,041	2,948	93,989
Total ...	2,70,838	10,078	2,80,966	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	56,444	1,784	58,228
II.—INDIRECT RECEIPTS.				3. Executive ...			
				Total ...	56,444	1,784	58,228
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	V.—TOOLS AND PLANT...	3,025	139	3,164
				VI.—REFUNDS OF REVENUE	104	...	104
				Total ...	1,73,428	5,929	1,79,357
				Share of Collection Charges in the Civil Department	13,015	498	13,513
				Total, Direct Charges...	1,86,443	6,427	1,92,870
				Indirect Charges debitable to Revenue Account as per Account No. 5	8,627	290	8,917
Total, Receipts ...	2,70,838	10,078	2,80,966	Total Charges ...	1,95,070	6,717	2,01,787
				Balance Net Revenue ...	75,818	3,361	79,179
Grand Total ...	2,70,838	10,078	2,80,966	Grand Total ...	2,70,888	10,078	2,80,966

N.B.—Last Capital Account detailed in the Administrative Accounts for 1906-07. Construction Estimate closed on 31st March 1892 —*vide* Government Resolution No. 1611, dated 12th September 1893. Completion Report approved in Government Resolution No. 815, dated 22nd May 1895.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

MA'INI TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922	7,41,388	Net Revenue realized to end of 1921-1922	75,818
Interest charges for the year 1922-1923.	15,367	Net Revenue realized during 1922-1923 .	3,361
On Rs. 4,62,125 outlay to end of the year 1916-17 at the average rate of 3·3252 per cent.			79,179
Subsequent outlay *nil.*		Balance net interest charges ..	6,77,576
Total ...	7,56,755	Total ...	7,56,755

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. 'Capitalized Abatement of Land Revenue ...	288	.....	288
2. Leave and Pension Allowances ...	8,276	250	8,526
3. Audit and Accounts Establishment ...	63	40	103
Total ...	8,627	290	8,917

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

MUCHKUNDI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total. Previous.	1922-1923.	Total.	Charges.	Total. Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	1,855	...	1,855	1. Head Works ...	410	...	410
3. Sales of Water ...	330	...	330	2. Main Canals and Branches ...	511	...	511
5. Plantations ...	16,467	...	16,543	Total ...	921	...	921
6. Other canal produce ...		76		II.—MAINTENANCE AND REPAIRS.			
10. Fines ...	1	...	1	1. Head Works ...	5,084	...	5,084
11. Miscellaneous Receipts ...	4,268	31	4,294	2. Main Canals and Branches ...	7,645	800	8,445
				Total ...	12,729	800	13,529
Total ...	22,916	107	23,023	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	5,761	637	6,398
II.—INDIRECT RECEIPTS.				3. Executive ...			
				Total ...	5,761	637	6,398
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	V.—TOOLS AND PLANT...	323	35	358
				Total ...	19,734	1,472	21,206
				Share of Collection Charges in the Civil Department ..	114	...	114
				Total, Direct Charges...	19,848	1,472	21,320
				Indirect Charges debitable to Revenue Account as per Account No. 5	815	97	912
Total Receipts ...	22,916	107	23,023	Total, Charges ...	20,663	1,569	22,232
				Balance Net Revenue ...	2,253	—1,462	791
Grand Total ...	22,916	107	23,023	Grand Total ...	22,916	107	23,023

N B.—Last Capital Account detailed in the Administrative Accounts for 1890-1891. Construction Estimate closed on 31st March 1891—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 662, dated 12th April 1894.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

MUCHKUNDI TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922	2,09,002	Net Revenue realized to end of 1921-1922	2,253
Interest charges for the year 1922-1923.	4,663	Net Revenue realized during 1922-1923 .	—1,462
On Rs. 1,40,217 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.			791
Subsequent outlay *nil.*		Balance net interest charges ...	2,12,874
Total ..	2,13,665	Total ...	2,13,665

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
REVENUE—	Rs.	Rs.	Rs.
2. Leave and Pension Allowances	804	89	893
3. Audit and Accounts Establishment	11	8	19
Total ...	815	97	912

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

GOKA'K CANAL—FIRST SECTION AND STORAGE WORKS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total. Previous.	1922-1923.	Total.	Charges.	Total. Previous.	1922-1923.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	9,15,489	56,125	9,71,564	1. Head Works ..	25,893	...	25,893
3. Sales of water ...	8,442	363	8,805	2. Main Canals and Branches ...	1,134	276	1,410
5. Plantations ...	35,436	...	38,610	Total ...	27,027	276	27,303
6. Other canal produce.		3,174					
7. Water-power ...	4,23,533	14,313	4,37,846	II.—MAINTENANCE AND REPAIRS.			
9. Rents of Buildings.	934	20	954	1. Head Works ...	78,328	2,475	80,803
10. Fines	44	...	44	2. Main Canals and Branches ...	40,175	2,413	42,588
11. Miscellaneous Receipts	28,834	2,039	30,873	3. Distributaries ...	27,202	147	27,349
12. *Deduct* Refunds ...	8	32	40	4. Drainage and Protective Works ...	30	...	30
				Total ...	1,45,735	5,035	1,50,770
Total ...	14,12,654	76,002	14,88,656	IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS.				1 & 2. Direction and Accounts ...	1,36,589	4,644	1,41,233
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	3. Executive			
				Total ...	1,36,589	4,644	1,41,233
				V.—TOOLS AND PLANT...	12,036	235	12,271
Total, Receipts ...	14,12,654	76,002	14,88,656	VI.—REFUNDS OF REVENUE... ...	3,436	...	3,436
				Total ...	3,24,823	10,190	3,35,013
				Share of Collection Charges in the Civil Department	50,710	2,864	53,574
				Total, Direct Charges...	3,75,533	13,054	3,88,587
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	19,367	703	20,070
				Total, Charges ...	3,94,900	13,757	4,08,657
				Balance Net Revenue ..	10,17,754	62,245	10,79,999
Grand Total ...	14,12,654	76,002	14,88,656	Grand Total ...	14,12,654	76,002	14,88,656

N. B.—Last Capital Account detailed in the Administrative Accounts for 1906-07 and No. 6 in 1909-1910. Construction Estimate closed on 31st March 1897—*vide* Government Resolution No. 1923, dated 2nd October 1897. Completion Report approved in Government Resolution No. 327, dated 10th February 1900.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

GOKA'K CANAL—FIRST SECTION AND STORAGE WORKS.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922.	16,04,530	Net Revenue realized to end of 1921-1922.	10,17,754
Interest charges for the year 1922-1923 ...	43,286	Do. during 1922-1923 ...	62,245
On Rs. 13,01,750 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.			10,79,999
Subsequent outlay *nil.*		Balance net interest charges ...	5,67,817
Total ...	16,47,816	Total ...	16,47,816

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
REVENUE—	Rs.	Rs.	Rs.
2. Leave and Pension Allowances	19,122	650	19,772
3. Audit and Accounts Establishment	245	53	298
Total ...	19,367	703	20,070

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

DAMBAL TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
				1. Head Works ...	634	...	634
1. Water-rates from Irrigation ...	22,624	406	23,030	Total ...	634	...	634
5. Plantations ...	14,363	...	15,418	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce		1,055		1. Head Works ...	14,898	...	14,898
				2. Main Canals and Branches ...	3,882	693	4,575
11. Miscellaneous receipts	390		390	3. Distributaries ...	670	...	670
				Total ...	19,450	693	20,143
Total ...	37,377	1,461	38,838	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	18,588	1,356	19,944
II.—INDIRECT RECEIPTS.				3. Executive			
				Total ...	18,588	1,356	19,944
Irrigation share of Land Revenue collected in the Civil Department.	35,846	916	36,762	V.—TOOLS AND PLANT ...	266	31	297
				VI.—REFUNDS OF REVENUE ...	126	...	126
Total ..	35,846	916	36,762	Total ...	39,064	2,080	41,144
				Share of Collection Charges in the Civil Department	4,897	112	5,009
Total, Receipts ...	73,223	2,377	75,600	Total, Direct Charges..	43,961	2,192	46,153
				Indirect Charges debitable to Revenue Account as per Account No. 5	2,751	197	2,948
				Total, Charges ...	46,712	2,389	49,101
				Balance Net Revenue...	26,511	—12	26,499
Grand Total ...	73,223	2,377	75,600	Grand Total ...	73,223	2,377	75,600

N.B.—Last Capital Account detailed in the Administrative Accounts for 1885-86. Construction Estimate closed on 31st March 1886—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1138, dated 16th July 1894.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNT FOR THE YEAR 1922-1923.

DAMBAL TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922	1,02,197	Net Revenue realized to end of 1921-1922	26,511
Interest charges for the year 1922-1923.	2,023	Net Revenue realized during 1922-1923.	—12
On Rs. 60,847 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.			26,499
Subsequent outlay *nil.*		Balance net interest charges ...	77,721
Total ...	1,04,220	Total ...	1,04,220

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue	124	.....	124
2. Leave and Pension Allowances	2,610	190	2,800
3. Accounts and Audit Establishment	17	7	24
Total ...	2,751	197	2,948

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

MEDLERI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				1. Head Works ...	141	...	141
1. Water-rates from Irrigation ...	20,785	234	21,019				
5. Plantations ...	2,207	22	2,229	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce				1. Head Works ...	13,862	...	13,862
11. Miscellaneous Receipts ...	93	15	108	2. Main Canals and Branches ...	1,858	377	2,235
				3. Distributaries ...	2,191	...	2,191
Total ...	23,085	271	23,356	Total ...	17,911	377	18,288
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	15,446	737	16,183
				3. Executive ...			
Total, Receipts ...	23,085	271	23,356	Total ...	15,446	737	16,183
				V.—TOOLS AND PLANT ..	145	17	162
				VI.—REFUNDS OF REVENUE.	299	...	299
				Total ...	33,942	1,131	35,073
				Share of Collection Charges in the Civil Department	1,039	12	1,051
				Total Direct Charges ...	34,981	1,143	36,124
				Indirect Charges debitable to Revenue Account as per Account No. 5	2,176	107	2,283
				Total, Charges ...	37,157	1,250	38,407
				Balance Net Revenue ...	−14072	−979	−15,051
Grand Total ...	23,085	271	23,356	Grand Total ...	23,085	271	23,356

N.B.—Last Capital Account detailed in the Administrative Accounts for 1885-86. Construction Estimate closed on 31st March 1886—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1138, dated 16th July 1894.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

MEDLERI TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922	1,22,303	Net Revenue realized to end of 1921-1922	—14,072
Interest charges for the year 1922-1923.	2,605	Net Revenue realized during 1922-1923.	—979
On Rs. 78,354 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.			—15,051
Subsequent Outlay *nil.*		Balance net interest charges ...	1,39,959
Total ...	1,24,908	Total ...	1,24,908

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	2,161	103	2,264
3. Accounts and Audit Establishment	15	4	19
Total ...	2,176	107	2,283

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

MADAG TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	1,07,448	2,912	1,10,360	2. Main Canals and Branches ...	1,537	...	1,537
				II.—MAINTENANCE AND REPAIRS.			
5. Plantations ...	8,040	58	8,280	1. Head Works ...	2,687	...	2,687
6. Other canal produce		182		2. Main Canals and Branches ...	51,245	669	51,914
11. Miscellaneous Receipts	334	25	359				
Total ...	1,15,822	3,177	1,18,999	Total ...	53,932	669	54,601
				IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS.				1 & 2. Direction and Accounts ...	38,525	1,309	39,834
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	3. Executive			
				Total ...	38,525	1,309	39,834
				V.—TOOLS AND PLANT ...	745	29	774
Total, Receipts ...	1,15,822	3,177	1,18,999	Total ...	94,739	2,007	96,746
				Share of Collection Charges in the Civil Department...	5,397	146	5,543
				Total, Direct Charges ...	1,00,136	2,153	1,02,289
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	6,036	190	6,226
				Total, Charges ...	1,06,172	2,343	1,08,515
				Balance Net Revenue ...	9,650	834	10,484
Grand Total ...	1,15,822	3,177	1,18,999	Grand Total ...	1,15,822	3,177	1,18,999

N.B.—Last Capital Account detailed in the Administrative Accounts for 1888-89. Construction Estimate closed on 31st March 1889—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1188 dated 16th July 1894.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

MADAG TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922	3,40,265	Net Revenue realized to end of 1921-1922	9,650
Interest charges for the year 1922-1923.	5,362	Net Revenue realized during 1922-1923.	834
On Rs. 1,61,248 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.			10,484
Subsequent Outlay *nil*.		Balance net interest charges ...	3,35,143
Total ...	3,45,627	Total ...	3,45,627

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
REVENUE—	Rs.	Rs.	Rs.
2. Leave and Pension Allowances	6,026	183	6,209
3. Accounts and Audit Establishment	10	7	17
Total ...	6,036	190	6,226

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

ASUNDI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	19,001	838	19,839	1. Head Works ...	219	...	219
5. Plantations... ...	2,874	...	2,925	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce		51		1. Head Works ...	28,567	...	23,567
10. Fines	19	...	19	2. Main Canals and Branches ...	1,340	172	1,512
11. Miscellaneous Receipts	38	7	45	3. Distributaries ...	2,043	...	2,043
				Total ...	26,950	172	27,122
Total ..	21,932	896	22,828	IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS.				1 & 2. Direction and Accounts ...	22,824	336	23,160
				3. Executive			
Irrigation share of Land Revenue collected in the Civil Department ...	22,454	687	23,141	Total ...	22,824	336	23,160
				V.—TOOLS AND PLANT ...	604	8	612
Total ...	22,454	687	23,141	Total ...	50,597	516	51,113
Total, Receipts ...	44,386	1,583	45,969	Share of Collection Charges in the Civil Department	3,217	111	3,328
				Total, Direct Charges...	53,814	627	54,441
				Indirect Charges debitable to Revenue Account as per Account No. 5	3,209	49	3,258
				Total, Charges ...	57,023	676	57,699
				Balance Net Revenue ...	—12,637	907	—11,730
Grand Total ...	44,386	1,583	45,969	Grand Total ...	44,386	1,583	45,969

N. B.—Last Capital Account detailed in the Administrative Accounts for 1889-90. Construction Estimate closed on 31st March 1890—*vide* Government Resolution No. 1411, dated 12th September 1892. Completion Report approved in Government Resolution No. 1138, dated 16th July 1894.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

ASUNDI TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922	89,454	Net Revenue realized to end of 1921-1922	—12,637
Interest charges for the year 1922-1923.	2,020	Net Revenue realized during 1922-1923 .	907
On Rs. 60,741 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.			—11,730
Subsequent Outlay *nil.*		Balance net interest charges ...	1,03,204
Total ...	91,474	Total ...	91,474

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue... ...	9	.....	9
2. Leave and Pension Allowances	3,196	47	3,243
3. Accounts and Audit Establishment	4	2	6
Total ...	3,209	49	3,258

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

DHARMA CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	Direct Charges.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1922-1923.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—*Head Works.*					
K. Buildings	2,286	...	2,286	2,286	2,286
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses	1,775	...	1,775	1,775	1,775
B. Land	476	...	476	476	476
D. Regulators	18,580	...	18,580	18,580	18,580
F. River and Hill Torrent Works ...	18,511	...	18,511	18,511	18,511
G. Bridges	868	...	868	868	868
H. Escapes	7,510	...	7,510	7,510	7,510
K. Buildings	3,385	...	3,385	3,385	3,385
L. Earth-work	16,428	...	16,428	16,428	16,428
O. Miscellaneous	7,949	...	7,949	7,949	7,949
Total, Main Canals and Branches ...	75,482	...	75,482	75,482	75,482
Total, I.—Works ...	77,768	...	77,768	77,768	77,768
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts	16,588	...	16,588	16,588	16,588
3. Executive					
Total, Establishment ...	16,588	...	16,588	16,588	16,588
III.—TOOLS AND PLANT ...	1,153	...	1,153	1,153	1,153
Grand Total ...	95,509	...	95,509	95,509	95,509
V.—*Less* Receipts on Capital Account ...	...	...	...	...	...
Net Outlay ...	95,509	...	95,509	95,509	95,509
APPORTIONMENT.					
Chargeable to 48—Minor Works and Navigation	95,509	...	95,509	95,509	95,509

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

DHARMA CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.							
1. Water-rates from Irrigation ...	21,875	1,245	23,120	I.—EXTENSIONS AND IMPROVEMENTS.			
6. Other canal produce.	40	...	40	2. Main Canals and Branches ...	787	...	787
11. Miscellaneous Receipts ...	712	...	712	II.—MAINTENANCE AND REPAIRS.			
12. *Deduct*—Refunds...	144	25	169	1. Head Works ...	7,717	...	7,717
				2. Main Canals and Branches ...	6,428	184	6,612
Total ...	22,483	1,220	23,703	4. Average expenditure before Improvements .	—11,120	...	—11,120
				Total ...	3,025	184	3,209
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department.	1,76,572	20,682	1,97,254	IV.—ESTABLISHMENT.			
Average Indirect Revenues as per Government Resolution No. A.I.—1650, dated 16th August 1911 ...	—2,08,404	—23,156	—2,31,560	1 & 2. Direction and Accounts ... } 3. Executive ...	11,012	995	12,007
				Total ...	11,012	995	12,007
Total ...	—31,832	—2,474	—34,306	V.—TOOLS AND PLANT...	481	69	550
				VI.—REFUNDS OF REVENUE ...	434	...	434
Total Receipts ...	—9,349	—1,254	—10,603	Total ...	15,739	1,248	16,987
				Share of Collection Charges in the Civil Department ...	—2,060	—181	—2,241
				Total, Direct Charges...	13,679	1,067	14,746
				Indirect Charges debitable to Revenue Account as per Account No. 5	1,548	141	1,689
				Total Charges ...	15,227	1,208	16,435
				Balance Net Revenue ...	—5,876	—2,462	—27,038
Grand Total ...	—9,349	—1,254	—10,603	Grand Total ...	—9,349	—1,254	—10,603

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

DHARMA CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-922	32,351	Net Revenue realized to end of 1921-22.	—24,576
Interest charges for the year 1922-1923.	3,390		
On Rs. 35,536 outlay to end of 1916-17 at the average rate 3·3252 per cent. Rs. 2,844.		Net Revenue realized during 1922-23 ...	—2,462
			—27,038
On subsequent outlay Rs. 9,973 at the average rate 5·48 per cent. Rs. 546.		Balance net interest charges ...	62,779
Total ...	35,741	Total ...	35,741

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue ...	2	.....	2
2. Leave and Pension Allowances ...	2,321	.....	2,321
Total ...	2,323	...	2,323
REVENUE—			
2. Leave and Pension Allowances ...	1,543	139	1,682
3. Audit and Accounts ...	5	2	7
Total ...	1,548	141	1,689

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	77,768	...	77,768	...	...	...	77,768	
Establishment ...	16,588	...	16,588	...	...	...	16,588	
Tools and Plant ...	1,153	...	1,153	...	...	...	1,153	
Total ...	95,509	...	95,509	...	...	...	95,509	
Less—Receipts on Capital Account.	...	...	...	...	...	...	...	
Net Total ...	95,509	...	95,509	...	...	...	95,509	
INDIRECT CHARGES.								
Capitalized Abatement of Land Revenue ...	2	...	2	...	...	...	2	
Leave and Pension Allowances ...	2,321	...	2,321	...	...	...	2,321	
Total ...	2,323	...	2,323	...	...	...	2,323	
Grand Total ...	97,832	...	97,832	...	...	...	97,832	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

KA'DWA RIVER WORKS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	6,76,369	49,176	7,25,545	1. Head Works ..	9,577	948	10,525
3. Sales of water ...	456	...	456	2. Main Canals and Branches ...	32,839	2,656	35,495
5. Plantations ...	32,104	...	35,656	3. Distributaries ...	342	...	342
6. Other Canal Produce ...		3,552		Total ...	42,758	3,604	46,362
9. Rents of Buildings.	248	287	535	II.—MAINTENANCE AND REPAIRS.			
10. Fines ...	1,097	116	1,213	1. Head Works ...	72,931	2,990	75,921
11. Miscellaneous receipts ...	8,407	210	8,617	2. Main Canals and Branches ...	1,61,829	5,869	1,67,698
12. *Deduct*—Refunds	50	...	50	3. Distributaries ...	15,321	251	15,572
Total ...	7,18,631	53,341	7,71,972	Total ...	2,50,081	9,110	2,59,191
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	IV.—ESTABLISHMENT.			
Enhanced Revenue as per Government Resolution No. 428, dated 6th August 1875.	27,915	594	28,509	1 & 2. Direction and Accounts ... 3. Executive	2,90,756	10,598	3,01,354
Total ...	27,916	594	28,509	Total ...	2,90,756	10,598	3,01,354
Total, Receipts ...	7,46,546	53,935	8,00,481	V.—TOOLS AND PLANT ...	8,135	284	8,419
Carried over ...	7,46,546	53,935	8,00,481	Carried over ..	5,91,730	23,596	6,15,326

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

KADWA RIVER WORKS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923—continued.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought over ...	7,46,546	53,935	8,00,481	Brought over ...	5,91,730	23,596	6,15,326
				VI.—REFUNDS OF REVENUE ...	528	...	528
				Total ...	5,92,258	23,596	6,15,854
				Share of Collection Charges in the Civil Department	33,982	2,464	36,446
				Total Direct Charges ...	6,26,240	26,060	6,52,300
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	41,896	1,611	43,507
				Total, Charges ...	6,68,136	27,671	6,95,807
				Balance Net Revenue ...	78,410	26,264	1,04,674
Grand Total ...	7,46,546	53,935	8,00,481	Grand Total ...	7,46,546	53,935	8,00,481

N. B.—Last Capital Account detailed in the Administrative Accounts for 1910-11.
Construction Estimate closed on 31st March 1908—*vide* Government Resolution No. 2245, dated 25th August 1908.
Completion Report approved in Government Resolution No. 1041, dated 29th April 1910.

Note.—Loss of Revenue due to concessions granted for wheat cultivation during the Rabi Season 1916-1917, under Government Resolution No. A.I. 12327, dated 18th December 1917—Rs. 2,460.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922	12,75,871	Net revenue realized to end of 1921-1922	78,410
		Do. during 1922-1923.	26,264
Interest charges for the year 1922-1923. On Rs. 97,741 outlay to end of 1916-17 at the average rate 3·3252 per cent.	32,312		1,04,674
Subsequent outlay *Nil.*		Balance net interest charges ...	12,03,509
Total ...	13,08,183	Total ...	13,08,183

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1921-1922.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	11	.....	11
2. Leave and Pension Allowances	41,663	1,484	43,147
3. Audit and Accounts Establishment	222	127	349
Total ...	41,896	1,611	43,507

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

CHANKÁPUR TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated. (Construction estimate closed on 31st March 1910.)	Expenditure against closed estimates.
	Previous.	1922-1923.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—*Head Works.*					
A. Preliminary Expenses ...	7,678	...	7,678	7,678	7,678
B. Land	19,056	...	19,056	19,056	19,056
C. Masonry Works	8,32,680	...	8,32,680	8,32,680	8,32,680
K. Buildings	11,459	1,046	12,505	18,396	11,459
L. Earth-work	1,16,773	...	1,16,773	1,16,773	1,16,773
P. Maintenance	5,610	...	5,610	5,610	5,610
Total, Head Works ...	10,43,256	1,046	10,44,302	10,50,193	10,43,256
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses ...	1,289	...	1,289	1,349	349
B. Land	13,151	—2,986	10,165	10,589	2,102
C. Masonry Works	1,72,245	67	1,72,312	2,13,857	1,25,966
C (*b*). Falls and Weirs	392	...	392	392	392
C (*c*). River and Hill Torrent Works	71,143	...	71,143	.....	.....
C (*e*). Bridges	718	...	718	.....	.....
K. Buildings	11,990	1,047	13,037	8,730	6,148
L. Earth-work	1,71,462	—155	1,71,277	2,17,413	92,086
M. Plantations	5,183	...	5,183	5,183	5,183
O. Miscellaneous	4,281	...	4,281	521	.....
P. Maintenance	506	...	506	700	.....
Total, Main Canals and Branches ...	4,52,360	—2,057	4,50,303	4,58,734	2,32,226
(3)—*Distributaries.*					
A. Preliminary Expenses ...	8,433	...	8,433	6,717	6,717
B. Land	3,221	...	3,221	3,221	3,221
C. Masonry Works	5,373	...	5,373	5,373	5,373
K. Buildings	.....	3,271	3,271	.....	.....
L. Earth-work	7,794	...	7,794	7,794	7,794
O. Miscellaneous	54,694	3,508	58,202	54,939	29,380
Total, Distributaries ...	79,515	6,779	86,294	78,044	52,485
Total, I.—Works ...	15,75,131	5,768	15,80,899	15,86,971	13,27,967
Carried over ...	15,75,131	5,768	15,80,899	15,86,971	13,27,967

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

CHANKÁPUR TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923—continued.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated. (Construction estimate closed on 31st March 1910.)	Expenditure against closed estimates.
	Previous.	1922-1923.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	15,75,131	5,768	15,80,899	15,86,971	13,27,967
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	3,34,197	1,483	3,35,680	3,36,690	2,78,510
3. Executive ...					
Total, II.—Establishment ...	3,34,197	1,483	3,35,680	3,36,690	2,78,510
III.—TOOLS AND PLANT ...	60,876	128	61,004	60,014	56,129
Grand Total ...	19,70,204	7,379	19,77,583	19,83,675	16,62,606
V.—*Less* Receipts on Capital Account	2,132	...	2,132	2,132	2,132
Net Outlay ...	19,68,072	7,379	19,75,451	19,81,543	16,60,474
APPORTIONMENT					
Chargeable to 35.—Construction of Protective Irrigation Works	18,93,561	...	18,93,561		
Do. 43.—Minor Works and Navigation ...	34,316	...	34,316	19,81,543	16,60,474
Do. 55.—Construction of Irrigation Works Provincial ...	40,195	7,379	47,574		
Total ...	19,68,072	7,379	19,75,451	19,81,543	16,60,474

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

CHANKA'PUR TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	1,76,044	34,355	2,10,399	1. Head Works	7,867	...	7,867
				2. Main Canals and Branches	14,352	2,759	17,111
3. Sales of water ...	25	6	31	Total ...	22,219	2,759	24,978
5. Plantations ...							
6. Other Canal Produce.	740	227 416	1,383	II.—MAINTENANCE AND REPAIRS.			
9. Rents of Buildings.	289	...	289	1 Head Works	45,659	4,750	50,409
				2. Main Canals and Branches	43,837	4,109	47,746
10. Fines	332	82	414	3. Distributaries ...	5,623	1,157	6,780
11. Miscellaneous Receipts	2,436	186	2,622	Total ...	94,919	10,016	1,04,935
12. Deduct refunds ...	...	6	6	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	79,950	10,649	90,599
Total ...	1,79,866	35,266	2,15,132	3. Executive			
				Total ...	79,950	10,649	90,599
				V.—TOOLS AND PLANT ...	4,250	285	4,535
II.—INDIRECT RECEIPTS.				VI.—REFUNDS OF REVENUE	40	...	40
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	Total ...	2,01,378	23,709	2,25,087
				Share of Collection Charges in the Civil Department	8,821	1,722	10,543
				Total Direct Charges ...	2,10,199	25,431	2,35,630
Total, Receipts ...	1,79,866	35,266	2,15,132	Indirect Charges debitable to Revenue Account as per Account No. 5	11,335	1,619	12,954
				Total Charges ...	2,21,534	27,050	2,48,584
				Balance Net Revenue ...	—41,668	8,216	—33,452
Grand Total ...	1,79,866	35,266	2,15,132	Grand Total ...	1,79,866	35,266	2,15,132

N. B.—Construction Estimate closed on 31st March 1910—*vide* G. R. No. 872, dated 1st April 1910.
Completion Report approved in G. R. No. 443; dated 3rd March 1911.

Note.—Loss of Revenue due to concessions granted for wheat cultivation during the Rabi Season 1916-1917 *vide* G. R. No. A.I.—12327, dated 19th December 1917, Rs. 4,388.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

CHANKA'PUR TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922 .	9,82,023		
Interest charges for the year 1922-1923—		Net revenue realized to end of 1921-1922 .	—41,668
On Rs. 18,41,062 outlay to end of the year 1916-17 at the average rate 3·3252 per cent. Rs. 61,219		Do. during 1922-1923...	8,216
On subsequent outlay „ 7,162			—33,452
	68,381	Balance net interest charges ..	10,83,856
Total ...	10,50,404	Total ..	10,50,404

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	18,894	1,116	20,010
2. Leave and Pension Allowances	47,426	208	47,634
3. Audit and Accounts Establishment	311	58	369
Total ..	66,631	1,382	68,013
REVENUE—			
2. Leave and Pension Allowances	11,192	1,491	12,863
3. Audit and Accounts Establishment	143	128	271
Total ...	11,335	1,619	12,954

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Works ...	12,04,069	1,23,898	13,27,967	2,52,932	2,59,004	6,072	15,80,899	
Establishment ...	2,51,351	27,159	2,78,510	57,170	58,180	1,010	3,35,680	
Tools and Plant ...	62,947	—6,818	56,129	4,875	3,885	—990	61,004	
Total ...	15,18,367	1,44,239	16,62,606	3,14,977	3,21,069	6,092	19,77,583	
Less—Receipts on Capital Account.	2,132	...	2,132	...	...	...	2,132	
Net Total ...	15,16,235	1,44,239	16,60,474	3,14,977	3,21,069	6,092	19,75,451	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	16,235	1,037	17,272	2,738	2,112	—626	20,010	
Leave and Pension Allowances ...	35,829	3,801	39,630	8,004	8,146	142	47,634	
Audit and Accounts Establishment ...	...	...	...	369	96	—273	369	
Total ...	52,064	4,838	56,902	11,111	10,354	—757	68,013	
Grand Total ...	15,68,299	1,49,077	17,17,376	3,26,088	3,31,423	5,335	20,43,464	

Revised Estimate sanctioned by the Government of India under their letter No. 12-1, dated 13th January 1921, as communicated to the Chief Engineer, P.W.D., vide No. W.I.—4845, dated 14th March 1921 ... 3,19,230
G. R. No. 880, dated 11th September 1922 ... 6,784
G. R. No. 2869, dated 26th October 1922 ... 2,159
G. R. No. 3279, dated 16th January 1923 ... 3,250
3,31,423

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

PRAVARA RIVER WORKS—LA'KH CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
I.—DIRECT RECEIPTS	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	63,875	942	64,817	1. Head Works ...	629	...	629
3. Sales of water ...	59	...	59				
5. Plantations ...	15,310	151	16,104	2. Main Canals and Branches ...	86	414	500
6. Other Canal Produce ...		643					
9. Rents of Buildings	86	6	92				
10. Fines	273	...	273	Total ...	715	414	1,129
11. Miscellaneous Receipts ...	711	...	711	II.—MAINTENANCE AND REPAIRS.			
Total ...	80,314	1,742	82,056	1. Head Works ...	10,715	403	11,118
				2. Main Canals and Branches	1,46,152	1,246	1,47,398
II.—INDIRECT RECEIPTS.				3. Distributaries ...	5,646	104	5,750
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	Total ...	1,62,513	1,753	1,64,266
Revenue for "Galper" land treated as Land Revenue —*vide* Government Resolution No. 1829, dated 23rd November 1893 ...	6,876	225	7,101	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts	1,58,001	1,723	1,59,724
Total ...	6,876	225	7,101	Total ...	1,58,001	1,723	1,59,724
Total Receipts ...	87,190	1,967	89,157	V.—TOOLS AND PLANT ...	3,055	48	3,103
Carried over ...	87,190	1,967	89,157	Carried over ...	3,24,284	3,938	3,28,222

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

PRAVARA RIVER WORKS—LÁKH CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923—continued.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	87,190	1,967	89,157	Brought forward ...	3,24,284	3,938	3,28,222
				VI.—REFUNDS OF REVENUE ...	116	...	116
				Total ...	3,24,400	3,938	3,28,338
				Share of Collection Charges in the Civil Department .	3,890	70	3,960
				Total, Direct Charges ...	3,28,290	4,008	3,32,298
				Indirect Charges debitable to Revenue Account as per Account No. 5 ..	23,827	263	24,090
				Total, Charges ...	3,52,117	4,271	3,56,388
				Balance Net Revenue ...	—2,64,927	—2,304	—2,67,231
Grand Total ...	87,190	1,967	89,157	Grand Total ...	87,190	1,967	89,157

N.B.—Last Capital Account detailed in the Administrative Accounts for 1894-95.
Construction Estimate closed on 31st March 1894—*vide* Government Resolution No. 1707, dated 2nd November 1894.
Completion Report approved in Government Resolution No. 87, dated 20th January 1896, and No. 1187, dated 17th August 1896.
Note.—Loss of Revenue due to concessions granted for wheat cultivation during the Rabi season 1916-1917—*vide* Government Resolution No. A. I.—12327, dated 18th December 1917, Rs. 250.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1921-1922	7,16,728	Net revenue realized to end of 1921-22...	—2,64,927
Interest charges for the year 1922-1923 (On Rs. 3,52,446 outlay to end of 1916-17 at the average rate of 3·3252 per cent.)	11,720	Do. during 1922-23...	— 2,304
			—2,67,231
Subsequent outlay—*nil*		Balance net Interest charges ...	9,95,749
Total ...	7,28,518	Total ...	7,28,518

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1920-1920	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	23,777	241	24,018
3. Audit and Accounts Establishment	50	22	72
Total ...	23,827	263	24,090

IRRIGATION BRANCH. BOMBAY PRESIDENCY

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

GODA'VARI CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated (Construction estimate closed on 31st March 1916).	Expenditure against closed estimates.
	Previous.	1922-1923.	Total.		
I.—Works.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—*Head Works.*					
A. Preliminary Expenses	5,480	...	5,480	5,480	5,480
B. Land	9,49,157	460	9,49,617	9,17,341	9,15,341
C. Works	32,25,160	5,701	32,30,861	32,47,965	31,56,083
K. Buildings	49,527	1,936	51,463	42,777	42,777
O. Miscellaneous	152	...	152	152	152
P. Maintenance	18,007	...	18,007	18,007	18,007
Total Head Works ...	42,47,483	8,097	42,55,580	42,31,722	41,37,840
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses	29,652	...	29,652	29,652	29,652
B. Land	1,07,788	...	1,07,788	1,06,806	1,06,542
D. Regulators	29,752	...	29,752	30,011	28,177
F. River and Hill Torrent Works ...	11,01,009	...	11,01,009	11,04,340	10,86,087
G. Bridges	1,03,799	3,363	1,07,162	1,13,823	92,651
H. Escapes	20,437	...	20,437	20,431	18,989
K. Buildings	1,91,032	3,823	1,94,855	1,95,274	1,88,165
L. Earth-work	17,59,961	6,648	17,66,609	17,62,561	17,18,741
M. Plantations	8,907	...	8,907	8,907	8,907
O. Miscellaneous	15,350	...	15,350	12,680	12,680
P. Maintenance	16,033	...	16,033	16,318	15,318
Total Main Canals and Branches ...	33,83,720	13,834	33,97,554	34,00,806	33,05,909
(3)—*Distributaries.*					
A. Preliminary Expenses	11,668	367	12,030	13,483	8,762
B. Land	28,063	...	28,063	30,081	26,518
C. Works	1,11,137	...	1,11,137	1,10,729	1,00,642
L. Earth-work	1,74,380	...	1,74,380	1,73,917	1,73,319
O. Miscellaneous	2,09,157	...	2,09,157	2,04,266	1,65,968
Total Distributaries ...	5,34,400	367	5,34,767	5,32,476	4,75,204
Liabilities on completed works ...	...	...	...	3,967	...
Total I.—Works ..	81,65,603	22,298	81,87,901	81,68,973	79,18,953
II.—Establishment.					
1 & 2. Direction and Accounts ...	13,26,154	5,732	13,31,886	12,96,691	12,46,359
3. Executive					
Total Establishment ...	13,26,154	5,732	13,31,886	12,96,691	12,46,359
III.—Tools and Plant	2,26,476	498	2,26,974	2,26,018	2,22,561
IV.—Suspense Accounts	...	...	...	2,245	2,245
Grand Total ...	97,18,233	28,528	97,46,761	96,93,927	93,90,118
V.—*Less* Receipts on Capital Account ...	2,026	...	2,026	2,026	2,026
Net Outlay ...	97,16,207	28,528	97,44,735	96,91,901	93,88,092
Apportionment.					
Chargeable to 36.—Construction of Protective Irrigation Works	96,67,046	...	96,67,046	96,91,901	93,88,092
Chargeable to 55.—Construction of Irrigation Works—Provincial	49,161	28,528	77,689		
Total ..	97,16,207	28,528	97,44,735	96,91,901	93,88,092

IRRIGATION BRANCH. BOMBAY PRESIDENCY

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

GODA'VARI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				1. Head Works ...	11,059	2,266	13,325
				2. Main Canals and Branches	48,575	8,233	56,808
1. Water-rates from Irrigation ...	27,79,273	5,11,872	32,91,145	3. Distributaries ...	386	5,075	5,461
				Total ...	60,020	15,574	75,594
3. Sales of water ..	14,693	2,898	17,591	II.—MAINTENANCE AND REPAIRS.			
4. Water supply of towns ...	...	3,233	3,233	1. Head Works ...	1,00,934	10,762	1,11,696
				2. Main Canals and Branches ...	5,98,460	70,322	6,68,782
5. Plantations ...	3,055	104	3,159	3. Distributaries ..	76,433	23,557	99,990
6. Other Canal Produce	4,911	687	5,598	Total ...	7,75,827	1,04,641	8,80,468
8. Navigation ...	55	23	78	IV.—ESTABLISHMENT.			
9. Rents of Buildings.	4,220	597	4,817	1 & 2. Direction and Accounts ...	5,27,154	95,883	6,23,037
				3. Executive ...			
10. Fines	4,360	1,156	5,516	Total ...	5,27,154	95,883	6,23,037
11. Miscellaneous Receipts	70,741	18,199	88,940	V.—TOOLS AND PLANT ...	17,021	2,779	19,800
12. Deduct—Refunds.	359	363	1,222	VI.—REFUNDS OF REVENUE	43,571	...	43,571
				Less—Receipts on Revenue Account ...	...	95	95
Total ...	28,80,449	5,38,406	34,18,855	Total ...	14,23,593	2,18,782	16,42,375
				Share of Collection Charges in the Civil Department	1,41,695	26,395	1,68,090
II.—INDIRECT RECEIPTS.							
				Total direct Charges ...	15,65,288	2,45,177	18,10,465
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	Indirect Charges debitable to Revenue Account as per Account No. 5	74,928	14,626	89,554
Total, Receipts ...	28,80,449	5,38,406	34,18,855	Total Charges ...	16,40,216	2,59,803	19,00,019
				Balance Net Revenue ...	12,40,233	2,78,603	15,18,836
Grand Total ...	28,80,449	5,38,406	34,18,855	Grand Total ...	28,80,449	5,38,406	34,18,855

N. B.—Construction Estimate closed on 31st March 1916—*vide* Government Order No. A. I.—3470, dated 28th March 1916.

Note.—Loss of Revenue due to concessions granted for wheat cultivation during the Rabi season 1916-1917—*vide* Government Resolution No. A. I.—12327, dated 18th December 1917, Rs. 31,760.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

GODA'WARI CANAL.

CANAL PROJECT

No. 4.—Interest Account for, and to end of, 1922-1923.

	Rs.	Amount.		Amount.
Total interest charges to end of 1921-1922		36,95,130	Net revenue realized to end of 1921-1922	Rs. 12,40,233
Interest charges for the year 1922-1923. On Rs. 95,21,042 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.	3,16,594		Net revenue realized during 1922-1923	2,78,603
Subsequent outlay Rs. 2,09,429 (from 1917-18 to 1921-22 and half of 1922-23) at the average rate 5·48 per cent. ...	11,477			15,18,836
			Balance net interest charges ...	25,04,365
Total ...		40,23,201	Total ...	40,23,201

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
CAPITAL—	Rs	Rs.	Rs.
1. Capitalized abatement of Land Revenue	3,09,393	1,758	3,11,151
2. Leave and Pension Allowances...	1,85,659	802	1,86,461
3. Audit and Accounts Establishment	880	233	603
Total ...	4,95,432	2,783	4,98,215
REVENUE—	...	...	...
1. Capitalized statement of Land Revenue	73,799	13,424	87,223
2. Leave and Pension Allowances	1,129	1,202	2,331
3. Audit and Accounts Establishment			
Total ...	74,928	14,626	88,554

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Extract paragraph 1 of Government of India (Public Works Department) Resolution (Finance) No. 1-109, dated 8th January 1916 ... ... 2,00,549 G. R. No. (P.W.D.) No. W.I.-5085, dated 13th May 1918 ... ... 4,644 G. R. No. (P.W.D.) No. W.I.-6107, dated 14th August 1918 ... ... 1,492 G. R. No. (P.W.D.) No. W.I.-2827, dated 18th March 1919 ... ... 76,184 Extract paragraph 1 of Government of India (Public Works Department) Resolution (Finance) No. 1-109, dated 8th January 1916 ... ... 21,916 G. R. No. (P.W.D.) No. W.I.-14690, dated 27th September 1921 ... ... 1,660 G. R. No. 2146, dated 5th August 1922 ... ... 1,963 G. R. No. 3399, dated 11th January 1923 ... ... 3,744 G. R. No. 33084, dated 11th January 1923 ... ... 2,674 Total ... 3,16,793
Works ...	78,92,733	26,220	79,18,953	2,68,948	2,50,020	—18,928	81,87,901	
Establishment ...	12,40,613	5,746	12,46,359	85,527	50,332	—35,195	13,31,886	
Tools and Plant ...	2,21,997	564	2,22,561	4,413	3,457	—956	2,26,974	
Suspense Accounts ...	2,245	...	2,245	—2,245	...	2,245	...	
Total ...	93,57,588	32,530	93,90,118	3,56,643	3,03,809	—52,834	97,46,761	
Less—Receipts on Capital Account...	2,026	...	2,026	...	...	...	2,026	
Net Total ...	93,55,562	32,530	93,88,092	3,56,643	3,03,809	—52,834	97,44,735	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	3,07,005	...	3,07,005	4,146	5,832	1,686	3,11,151	
Leave and Pension Allowances ...	1,73,684	804	1,74,488	11,973	7,049	—4,924	1,86,461	
Audit and Accounts Establishment ...	...	...	...	603	103	—500	603	
Total ...	4,80,689	804	4,81,493	16,722	12,984	—3,738	4,98,215	
Grand Total ...	98,36,251	33,334	98,69,585	3,73,365	3,16,793	—56,572	1,02,42,950	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

PRAVARA RIVER CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	Direct Charges.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1922-1923.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—*Head Works.*					
A. Preliminary Expenses ...	5,364	285	5,649	7,834	.....
B. Land	87,412	143	87,555	1,10,512	.....
C. Works	46,42,924	4,88,611	51,31,535	56,31,711	.....
K. Buildings	56,430	27,969	84,399	98,965	.....
O. Miscellaneous	68,188	79,480	1,47,668	1,89,274	.....
P. Maintenance	55,462	4,639	60,101	90,795	.....
Total, Head Works ...	49,15,780	6,01,127	55,16,907	61,29,091	.....
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses ...	12,760	...	12,760	18,677	.....
B. Land	62,454	...	62,454	84,787	.....
D. Regulators	50,014	...	50,014	50,350	.....
E. Falls and Weirs	15,649	...	15,649	15,648	.....
F. River and Hill torrent works ...	4,77,748	...	4,77,748	4,77,750	.....
G. Bridges	1,10,135	...	1,10,135	1,10,146	.....
H. Escapes	20,160	...	20,160	20,161	.....
K. Buildings	1,50,606	87,447	2,38,053	4,28,523	.....
L. Earth-work	15,88,877	...	15,88,877	15,90,908	.....
M. Plantations	73,976	4,770	78,746	1,06,203	.....
O. Miscellaneous	31,600	...	31,600	35,203	.....
P. Maintenance	34,219	...	34,219	38,341	.....
Total, Main Canals and Branches ...	26,28,198	92,217	27,20,415	29,71,697	.....
Carried over ...	75,43,978	6,93,344	82,37,322	91,00,788	.....

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

PRAVARA RIVER CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923—continued.

Heads of Account.	Direct Charges.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1922-23.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	75,43,978	6,93,344	82,37,322	91,00,788	.....
I.—WORKS—*continued.*					
(3)—*Distributaries.*					
A. Preliminary Expenses ...	11,523	...	11,523	15,969	.....
B. Land	59,481	7,375	66,856	94,319	.....
C. Works	2,65,350	26,178	2,91,528	4,22,058	.....
L. Earth-work	1,92,887	3,643	1,96,530	.....	.....
O. Miscellaneous	3,19,563	439	3,20,002	6,47,433	.....
P. Maintenance	296	754	1,050	.....	.....
Total, Distributaries ...	8,49,100	38,389	8,87,489	11,79,779	.....
(5) *Water Courses.*					
A. Preliminary Expenses ...	.....	...	.....	.....	.....
B. Land	.....	...	.....	.....	.....
C. Works	.....	39,415	39,415	.....	.....
L. Earth-work	.....	21,323	21,323	.....	.....
O. Miscellaneous	.....	33,118	33,118	.....	.....
P. Maintenance	.....	112	112	.....	.....
Total Water Courses ...	.....	93,968	93,968	.....	.....
(6) Special Tools and Plant ...	4,87,175	50,720	5,37,895	4,06,135	... ..
Total, I.—Works ...	88,80,253	8,76,421	97,56,674	1,06,86,702	.....
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	20,40,162	2,25,316	22,65,478	24,04,508	.....
3. Executive					
Total, II.—Establishment ...	20,40,162	2,25,316	22,65,478	24,04,508	.....
III.—TOOLS AND PLANT	2,60,824	21,303	2,82,127	3,20,601	.....
IV.—Suspense Accounts	194	—190	4	.....	.....
Grand Total ...	1,11,81,433	11,22,850	1,23,04,283	1,34,11,811	.....
V.—*Less* Receipts on Capital Account.	13,381	2,331	15,712	9,320	.....
Net Outlay ...	1,11,68,052	11,20,519	1,22,88,571	1,34,02,491	.....
APPORTIONMENT.					
Chargeable to 35—Construction of Protective Irrigation Works, Imperial	96,49,879	...	96,49,879	1,34,02,391	.....
Chargeable to 43—Minor Works and Navigation	22,623	...	22,623		
Chargeable to 33—Famine Relief ...	5,13,868	...	5,13,868		
Chargeable to 55—Construction of Irrigation Works, Provincial ...	9,81,682	11,20,519	21,02,201		
Total ...	1,11,68,052	11,20,519	1,22,88,571	1,34,02,491	.....

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

PRAVARA RIVER CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	1,66,186	52,322	2,18,508	2. Main Canals and Branches ...	5,000	498	5,498
3. Sales of water ...	138	31	169	II.—MAINTENANCE AND REPAIRS.			
5. Plantations ...	3,948	2,590	6,538	2. Main Canals and Branches ...	1,24,627	17,115	1,41,742
6. Other Canal Produce ...	1,227	240	1,467	3. Distributaries ...	10,421	4,471	14,892
9. Rents of Buildings.	789	2	791	Total ...	1,35,048	21,586	1,56,634
10. Fines	290	9	299	IV.—ESTABLISHMENT.			
11. Miscellaneous Receipts	2,578	450	3,028	1 & 2. Direction and Accounts ... / 3. Executive	90,267	17,561	1,07,828
				Total ...	90,267	17,561	1,07,828
Total ...	1,75,156	55,644	2,30,800	V.—TOOLS AND PLANT ...	3,037	493	3,530
				VI.—REFUNDS OF REVENUE ...	462	...	462
II.—INDIRECT RECEIPTS.				Total ...	2,33,814	40,138	2,73,952
Irrigation share of Land Revenue collected in the Civil Department	...	...	...	Share of Collection Charges in the Civil Department	8,319	2,617	10,936
				Total, Direct Charges ...	2,42,133	42,755	2,84,888
Total Receipts ...	1,75,156	55,644	2,30,800	Indirect Charges debitable to Revenue Account as per Account No. 5	12,833	2,680	15,513
				Total, Charges ...	2,54,966	45,435	3,00,401
				Balance Net Revenue ...	—79,810	10,209	—69,601
Grand Total ...	1,75,156	55,644	2,30,800	Grand Total ...	1,75,156	55,644	2,30,800

Note.—Loss of Revenue due to concessions granted for wheat cultivation during the Rabi Season 1916-1917, *vide* G.R. No. A.I. 12227 dated 18th December 1917, Rs. 732.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

PRAVARA RIVER CANALS.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922 ...	25,11,821	Net Revenue realized to end of 1921-1922 ...	—79,810
Interest charges for the year 1922-1923 ...	5,01,709	Do. during 1922-1922 ...	10,209
On Rs. 65,43,657 outlay to end of the year 1916-17 at the average rate 3·3252 per cent. Rs. 2,17,590			—69,601
On subsequent outlay 51,84,631 (from 1917-18 to 1921-22 and half of 1922-23.) Rs. 2,84,119 ...		Balance net interest charges	30,83,131
Total ...	30,13,530	Total ...	30,13,530

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	64,734	1,797	66,531
2. Leave and Pension Allowances	2,85,623	31,544	3,17,167
3. Audit and Accounts Establishment	7,591	8,764	16,355
Total ..	3,57,948	42,105	4,00,053
REVENUE—			
2. Leave and Pension Allowances	12,638	2,459	15,097
3. Audit and Accounts Establishment	195	221	416
Total ..	12,833	2,680	15,513

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

PRAVARA RIVER CANALS.

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
Direct Charges.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	...	...	...	97,56,674	1,06,86,702	9,30,028	97,56,674	Second Revised estimate for the Pravara River Canal Project as sanctioned by the Secretary of State communicated in Government of India's No. 171-I. of 24th June 1922, *vide*. Government Resolution No. 2215, dated 30th October 1922, Rs. 1,50,88,481. *Deduct*.—Estimate of the undermentioned works, as their separate accounts have been prepared as one account for the whole project has been kept in abeyance pending the new project is completed sufficiently to give water to the other canals, *vide* Government of India's No. 1951-I. of 18th September 1908, communicated in Government Resolution No. 2721 of 20th October 1908 :— Rs. Máládevi Tank ...3,14,674 Pravara Left Bank Canal ...3,47,550 Lákh Canal 3,71,891 Rs. 10,34,015 Net amount shown in this account ... Rs. 1,40,49,466
Establishment ...	...	...	...	22,65,478	24,04,508	1,39,013	22,65,478	
Tools and Plant ...	...	...	...	2,82,127	3,20,601	38,474	2,82,127	
Suspense Account ...	...	...	...	4	...	—4	4	
Total ...	...	...	...	1,23,04,283	1,34,11,811	11,07,528	1,23,04,283	
Less—Receipts on Capital Account.	...	...	...	15,712	9,320	—6,392	15,712	
Net Total ...	...	...	...	1,22,88,571	1,34,02,491	11,13,920	1,22,88,571	
Indirect Charges.								
Capitalized abatement of Land Revenue	...	...	...	66,531	3,10,343	2,43,812	66,531	
Leave and Pension Allowances ...	...	...	...	3,17,167	3,36,632	19,465	3,17,167	
Audit and Accounts Establishment...	...	...	...	16,355	...	—16,355	16,355	
Total ...	...	...	...	4,00,053	6,46,975	2,46,922	4,00,053	
Grand Total ...	...	...	...	1,26,88,624	1,40,49,466	13,60,842	1,26,88,624	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

PARSUL TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1923-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
				1. Head Works ...	3,707	...	3,707
1. Water-rates from Irrigation ...	85,885	5,332	91,217				
5. Plantations... ...	689	...	691	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce.		2					
7. Water power ...	1,199	...	1,199	1. Head Works ...	8,793	590	9,383
9. Rents of buildings ...	1	...	1	2. Main Canals and Branches ...	16	...	16
10. Fines	22	...	22	3. Distributaries ...	4,200	46	4,246
11. Miscellaneous Receipts	468	70	538				
Total ...	88,264	5,404	93,668	Total ...	13,009	636	13,645
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts	23,331	530	23,861
II.—INDIRECT RECEIPTS.				3. Executive			
				Total ...	23,331	530	23,861
Irrigation share of Land Revenue collected in the Civil Department...	...	...	...	V.—TOOLS AND PLANT ...	980	14	994
				VI.—REFUNDS OF REVENUE ...	177	...	177
Total, Receipts ...	88,264	5,404	93,668	Total ...	41,204	1,180	42,384
				Share of Collection Charges in the Civil Department	4,295	267	4,562
				Total, Direct Charges ...	45,499	1,447	46,946
				Indirect Charges debitable to Revenue Account as per Account No. 5	3,269	80	3,349
				Total, Charges ...	48,768	1,527	50,295
				Balance Net Revenue ...	39,496	3,877	43,373
Grand Total ...	88,264	5,404	93,668	Grand Total ...	88,264	5,404	93,668

N. B.—Last Capital Account detailed in the Administrative Accounts for 1897-98. Construction Estimate closed on 31st March 1896—*vide* Government Resolution No. 396, dated 14th March 1896. Completion Report approved in Government Resolution No. 241, dated 17th January 1896.

Note.—Loss of revenue due to concessions granted for wheat cultivation during the Rabi Season 1916-17—*vide* Government Resolution No. A.I.—12827, dated 18th December 1917, Rs. 637.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

PARSUL TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922	2,77,099	Net Revenue realized to end of 1921-1922 ...	39,496
Interest charges for the year 1922-1923	6,917	Net Revenue realized during 1922-1923	3,877
On Rs. 2,08,007 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.	...		43,373
		Balance net interest charges ...	2,40,643
Total ...	2,84,016	Total ...	2,84,016

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	...	...	...
2. Leave and Pension Allowances	3,264	74	3,338
3. Audit and Accounts	5	6	11
Total ...	3,269	80	3,349

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

PRAVARA LEFT BANK CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	3,56,934	1,10,168	4,67,102	1. Head Works ...	172	...	172
3. Sales of water...	55	7	62	2. Main Canals and Branches ...	5,737	198	5,935
5. Plantations ...		110					
6. Other canal produce ...	23,983	346	24,439	Total ...	5,909	198	6,107
9. Rents of Buildings ...	944	...	944	II.—MAINTENANCE AND REPAIRS.			
10. Fines ...	1,393	54	1,447	1. Head Works ...	3,486	...	3,486
11. Miscellaneous Receipts ...	8,601	427	9,028	2. Main Canals and Branches ...	2,01,722	29,872	2,31,594
Deduct—refunds ...	...	91	91	3. Distributaries ...	13,185	4,359	17,544
Total ...	3,91,910	1,11,021	5,02,931	Total ...	2,18,393	34,231	2,52,624
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	1 & 2. Direction and Accounts ... 3. Executive ...	2,09,462	27,377	2,36,839
Enhanced Land Revenue as per Government Resolution No. 275, dated 7th July 1880 ...	3,268	76	3,344	Total ...	2,09,462	27,377	2,36,839
				V.—TOOLS AND PLANT ...	4,750	774	5,524
				VI.—REFUNDS OF REVENUE	1,042	...	1,042
Total ...	3,268	76	3,344	Less receipts on revenue accounts	...	5	5
Total, Receipts ...	3,95,178	1,11,097	5,06,275	Total ...	4,39,556	62,575	5,02,131
				Share of Collection Charges in the Civil Department.	18,211	5,518	23,729
				Total, direct Charges ...	4,57,767	68,093	5,25,860
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	30,200	4,177	34,377
				Total, Charges ...	4,87,967	72,270	5,60,237
				Balance Net Revenue ...	—92,789	38,827	—53,962
Grand Total ...	3,95,178	1,11,097	5,06,275	Grand Total ...	3,95,178	1,11,097	5,06,275

N.B.—Last Capital Account detailed in the Administrative Accounts for 1906-07. Construction Estimate close on 31st March 1893—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1556, dated 9th December 1895.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

PRAVARA LEFT BANK CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922	5,54,061	Net Revenue realized to end of 1921-1922	—92,789
Interest charges for the year 1922-1923. On Rs. 3,24,317 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.	10,784	Net Revenue realized during 1922-1923	38,827
	.....		—53,962
		Balance net interest charges ...	6,28,807
Total ...	5,74,845	Total ...	5,74,845

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	6	...	6
2. Leave and Pension Allowances	29,961	3,833	33,794
3. Audit and Accounts	233	344	577
Total ...	30,200	4,177	34,377

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

MUTHA CANAL INCLUDING MATOBA TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated. (Construction estimate closed on 31st March 1897.)	Expenditure against closed estimates.
	Previous.	1922-1923.	Total.		
I.—Works.	Rs.	Rs.	Rs.	Rs.	Rs.
(1) *Head Works.*					
A. Preliminary Expenses	8,391	...	8,391	8,391	8,391
B. Land	3,53,177	...	3,53,177	3,53,177	3,53,177
C. Masonry Works	28,90,673	...	28,90,673	28,90,673	28,90,673
K. Buildings	21,537	...	21,537	21,537	21,537
M. Plantations	3,059	...	3,059	3,059	3,059
O. Miscellaneous	820	...	820	820	820
P. Maintenance	1,231	...	1,231	1,231	1,231
Total, Head Works ...	32,78,888	...	32,78,888	32,78,888	32,78,888
(2) *Main Canals and Branches.*					
A. Preliminary Expenses	2,828	...	2,828	2,828	2,828
B. Land	1,26,843	...	1,26,843	1,26,843	1,26,843
C (*a*). Regulators	37,342	...	37,342	37,342	37,342
C (*c*). River and Hill Torrent Works...	5,21,670	...	5,21,670	5,21,670	5,21,670
C (*e*). Bridges	95,170	...	95,170	95,170	95,170
C (*f*). Escapes	18,120	...	18,120	18,120	18,120
J. Mills	56,415	...	56,415	56,415	56,415
K. Buildings	10,111	...	10,111	10,111	10,111
L. Earth-work	9,89,763	...	9,89,763	9,89,763	9,89,763
M. Plantations	16,011	...	16,011	16,011	16,011
O. Miscellaneous	1,868	...	1,868	1,868	1,868
P. Maintenance	4,566	...	4,566	4,566	4,566
Total, Main Canals and Branches ...	18,80,707	...	18,80,707	18,80,707	18,80,707
Carried over ...	51,59,595	...	51,59,595	51,59,595	51,59,595

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

MUTHA CANAL INCLUDING MATOBA TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923—continued.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated. (Construction estimate closed on 31st March 1897.)	Expenditure against closed estimates.
	Previous.	1922-1923.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	51,59,595	...	51,59,595	51,59,595	51,59,595
(3) *Distributaries.*					
A. Preliminary Expenses	6,767	...	6,767	6,853	6,740
B. Land	5,666	...	5,666	5,666	5,666
C. Masonry Works	3,03,419	...	3,03,419	3,03,419	3,03,419
L. Earth-work	73,961	...	73,961	73,961	73,961
M. Plantations	407	...	407	407	407
O. Miscellaneous	8,01,559	...	8,01,559	8,01,559	8,01,559
Total, Distributaries ...	11,91,779	...	11,91,779	11,91,865	11,91,752
(4) *Drainage and Protective Works.*					
B. Land	7,328	...	7,328	7,328	7,328
L. Earth-work	1,188	...	1,188	1,188	1,188
Total, Drainage and Protective Works	8,516	...	8,516	8,516	8,516
Adjustment of previous outlay...	—12,63,166		—12,63,166	—12,63,166	—12,63,166
Total, I.—Works ...	50,96,724	...	50,96,724	50,96,810	50,96,697
II.—ESTABLISHMENT.					
1. & 2. Direction and Accounts ...	11,44,735	...	11,44,735	11,44,756	11,44,731
3. Executive					
4. Medical	146	...	146	146	146
5. Departmental charges ...	—1,01,947	...	—1,01,947	—1,01,947	—1,01,947
Total, II.—Establishment ...	10,42,934	...	10,42,934	10,42,955	10,42,930
III.—TOOLS AND PLANT	1,18,446	...	1,18,446	1,18,448	1,18,446
IV.—SUSPENSE ACCOUNTS ...	—1,136	...	—1,136	—1,136	—1,136
Grand Total ..	62,56,968	...	62,56,968	62,57,077	62,56,937
V.—*Less* Receipts on Capital Account.	12,328		12,328	12,328	12,328
Net Outlay ...	62,44,640	...	62,44,640	62,44,749	62,44,609
Apportionment.					
Chargeable to—					
49.—Irrigation	52,83,962	...	52,83,962	52,83,962	52,83,962
43.—Minor Works and Navigation	9,60,678	...	9,60,678	9,60,787	9,60,647
55—Construction of Irrigation Work	.....	...	.....	.....	.....
Total ...	62,44,640	...	62,44,640	62,44,749	62,44,609

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

MUTHA CANAL INCLUDING MATOBA TANK.

TANE PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	69,40,167	2,90,021	72,30,188	1. Head Works ...	30,277	90	30,367
3. Sales of water ...	1,15,834	4,215	1,20,049				
4. Water-supply of towns ...	50,25,274	57,334	50,82,608	2. Main Canals and Branches ...	35,325	844	36,169
5. Plantations ...	76	1,426	1,502				
6. Other canal produce ...	1,51,819	3,571	1,55,390	3. Distributaries ...	84,802	229	85,031
7. Water power ...	64,800	...	64,800	4. Drainage and Protective Works ...	4,864	...	4,864
8. Navigation ...	1,234	200	1,434				
9. Rents of buildings	5,249	108	5,377	Total ...	1,55,268	1,163	1,56,431
10. Fines ...	2,432	1,524	3,956				
11. Miscellaneous receipts ...	2,17,169	1,504	2,18,673				
12. Deduct Refunds.	1,517	582	2,099	II.—MAINTENANCE AND REPAIRS.			
Total ...	1,25,22,557	3,59,321	1,28,81,878	1. Head Works ...	1,60,383	14,708	1,75,091
II.—INDIRECT RECEIPTS.				2. Main Canals and Branches ...	8,25,251	38,573	8,63,824
				3. Distributaries ...	10,81,848	4,604	10,86,452
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	4. Drainage and Protective Works ...	179	...	179
Irrigation share on account of operation from the Canal —*vide* Government Resolutions Nos. 1159 and 1539, dated respectively 28th June and 29th September 1892 ...	1,321	52	1,373	Total ...	20,67,661	57,885	21,25,546
				III.—COMPENSATION ...	494	...	494
Total ...	1,321	52	1,373	IV.—ESTABLISHMENT.			
				1. & 2. Direction and Accounts ...	15,97,411	63,903	16,61,314
Total, Receipts ...	1,25,23,878	3,59,373	1,28,83,251				
				Total ...	15,97,411	63,903	16,61,314
				V.—TOOLS AND PLANT ...	1,60,714	4,071	1,64,785
Carried over ...	1,25,23,878	3,59,373	1,28,83,251	Carried over ...	39,81,548	1,27,022	41,08,570

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

MUTHA CANAL INCLUDING MATOBA TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	1,25,23,878	3,59,373	1,28,83,251	Brought forward ...	39,81,548	1,27,022	41,08,570
				VI.—REFUNDS OF REVENUE	53,448	...	53,448
				Suspense Account ...	— 1,149	— 1,324	— 2,473
				Less—Recoveries on Revenue Account ...	295	2,752	3,047
				Total ...	40,33,552	1,22,946	41,56,498
				Share of Collection Charges in the Civil Department...	3,42,872	12,334	3,55,206
				Total Direct Charges ...	43,76,424	1,35,280	45,11,704
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	2,28,954	9,536	2,38,490
				Total, Charges ...	46,05,378	1,44,816	47,50,194
				Balance Net Revenue ...	79,18,500	2,14,557	81,33,057
Grand Total ...	1,25,23,878	3,59,373	1,28,83,251	Grand Total ...	1,25,23,878	3,59,373	1,28,83,251

N.B.—Construction Estimate of the Mutha Canal closed on 31st March 1897—*vide* Government Resolution No. 710, dated 13th May 1897 and that of the Matoba Tank on 31st March 1892—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion report of the Mutha Canal approved in Government Resolution No. 2241 of 30th October 1901 and that of the Matoba Tank in Government Resolution No. 327 of 17th May 1894.

Note.—Loss of revenue due to concessions granted for wheat cultivation during the Rabi season 1916-17—*vide* Government Resolution No. S.I.—12327, dated 18th December 1917, Rs. 2,655.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922	1,18,73,466	Net Revenue realized to end of 1921-1922	79,18,500
Interest charges for the year 1922-1923.	2,07,354	Net Revenue realized during 1922-1923	2,14,557
On Rs. 62,58,210 at the average rate 3·3252 per cent. ...	Rs. 2,08,098		81,33,057
On subsequent outlay —13,570 at the average rate 5·48 per cent. ...	—744	Balance net interest charges ...	39,47,763
Total ...	1,20,80,820	Total ...	1,20,80,820

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

MUTHA CANAL INCLUDING MATOBA TANK.

TANK PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	93,528	.....	93,528
2. Leave and Pension Allowances	2,01,785	.....	2,01,785
3. Audit and Accounts	...	.....	.....
Total ...	2,95,313	.....	2,95,313
REVENUE—	.....	.....	.....
1. Capitalized abatement of Land Revenue	2,28,440	8,946	2,37,386
2. Leave and Pension Allowances	514	590	1,104
3. Audit and Accounts			
Total ...	2,28,954	9,536	2,38,490

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs. 144
Works ...	54,32,020	—3,35,323	50,96,697	27	113	86	50,96,724	
Establishment ...	10,12,260	30,670	10,42,930	4	25	21	10,42,934	
Tools and Plant ...	1,19,987	—1,541	1,18,446	...	2	2	1,18,446	
Suspense Accounts ...	...	—1,136	—1,136	...	...	...	—1,136	
Total .	65,64,267	—3,07,330	65,56,937	31	140	109	62,56,968	
Less—Receipts on Capital Account ...	12,234	94	12,328	...	...	...	12,328	
Net Total ...	65,52,033	—3,07,424	62,44,609	31	140	109	62,44,640	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	53,776	34,752	93,528	...	...	...	93,528	
Leave and Pension Allowances... .	1,89,546	12,238	2,01,784	1	4	3	2,01,785	
Audit and Accounts ..	...	...	...	...	...	...	...	
Total ..	2,43,322	46,990	2,95,312	1	4	3	2,95,313	
Grand Total ..	68,00,355	—2,60,434	65,39,921	32	144	112	65,39,953	

Government Order No. W.L.—1164 (Public Works Department), dated 29th November 1918.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

NIRA CANAL INCLUDING SHETPHAL TANK.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	Direct Charges.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1906.)	Expenditure against closed estimates.
	Previous.	1922-1923.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS.					
(1)—*Head Works.*					
A. Preliminary Expenses	12,512	...	12,512	12,512	12,512
B. Land	2,23,024	...	2,23,024	2,23,024	2,23,024
C. Works	18,63,213	...	18,63,213	18,63,213	18,63,213
K. Buildings	13,283	...	13,283	13,283	13,283
M. Plantations	7,053	...	7,053	7,053	7,053
O. Miscellaneous	1,547	...	1,547	1,547	1,547
P. Maintenance	3,571	...	3,571	3,571	3,571
Total Head Works ...	21,24,203	...	21,24,203	21,24,203	21,24,203
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses	95,308	...	95,308	1,06,179	26,040
B. Land	34,145	...	34,145	34,145	34,145
D. Regulators	20,697	...	20,697	20,697	20,697
F. River and Hill-Torrent Works... ...	5,14,067	...	5,14,067	5,14,067	5,14,067
G. Bridges	53,443	...	53,443	53,443	53,443
K. Buildings	51,188	5,195	56,383	71,740	51,188
L. Earth-work	12,10,554	...	12,10,554	12,10,554	12,10,554
M. Plantations	6,928	...	6,928	6,928	6,928
N. Tanks and Reservoirs	5,58,005	...	5,58,005	5,58,005	5,58,005
O. Miscellaneous	4,027	...	4,027	4,027	4,027
P. Maintenance	11,167	...	11,167	11,167	11,167
Total Main Canals and Branches ...	25,59,529	5,195	25,64,724	25,90,952	24,90,261
Carried over ...	46,83,732	5,195	46,88,927	47,15,155	46,14,464

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

NIRA CANAL INCLUDING SHETPHAL TANK.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated. (Construction estimates closed on 31st March 1903.)	Expenditure against closed estimates.
	Previous.	1922-1923.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	46,83,732	5,195	46,88,927	47,15,155	46,14,464
I.—WORKS—*continued.*					
(3)—*Distributaries.*					
A. Preliminary Expenses	3,493	10,573	14,066	3,493	3,493
B. Land	12,192	...	12,192	12,192	12,192
C. Works	98,599	...	98,599	98,599	98,599
L. Earth-work	93,077	...	93,077	93,077	93,077
M. Plantations	8,715	...	8,715	8,715	8,715
Total Distributaries ...	2,16,076	10,573	2,26,649	2,16,076	2,16,076
Total, I.—Works ...	48,99,808	15,768	49,15,576	49,31,231	48,30,540
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts	12,00,587	4,054	12,04,641	11,82,273	11,59,533
3. Executive					
4. Medical					
5. Special Survey...	...	...	...		
Total Establishment ...	12,00,587	4,054	12,04,641	11,82,273	11,59,533
III.—Tools and Plant	1,35,398	352	1,35,750	1,24,808	1,23,105
IV.—Suspense Accounts	...	...	...	...	...
Grand Total ...	62,35,793	20,174	62,55,967	62,38,312	61,13,178
V.—*Less* Receipts on Capital Account ...	8,382	3	8,385	8,382	8,382
Net Outlay ...	62,27,411	20,171	62,47,582	62,29,930	61,04,796
Apportionment.					
Chargeable to 35.—Construction of Protective Irrigation Works ...	54,01,556	...	54,01,556	62,29,930	61,04,796
Do. 43.—Minor Works and Navigation	8,21,653	...	8,21,653		
Do. 55.—Construction of Irrigation Works Provincial ...	4,202	20,171	24,373		
Total ...	62,27,411	20,171	62,47,582	62,29,930	61,04,796

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

NIRA CANAL INCLUDING SHETPHAL TANK.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	96,62,314	7,50,388	1,04,12,702	1. Head Works	27,052	1,161	28,213
3. Sales of water ...	3,664	401	4,065	2. Main Canals and Branches	78,716	3,059	81,775
4. Water-supply of towns	422	1,005	1,427	3. Distributaries ...	40,364	800	41,164
5. Plantations ...	67,808	356	68,164	4. Drainage and Protective Works	4,931	...	4,931
6. Other canal produce	21,010	4,929	25,939	Total ...	1,51,063	5,020	1,56,083
8. Navigation ...	30	...	30				
9. Rents of buildings	9,018	162	9,180				
10. Fines	8,901	1,576	10,477	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous receipts	61,412	3,435	64,847	1. Head Works	2,01,880	12,661	2,14,541
12. Deduct Refunds...	2,472	5,031	7,553	2. Main Canals and Branches	7,30,852	29,160	7,60,012
Total ...	98,32,107	7,57,171	1,05,89,278	3. Distributaries	2,35,586	29,194	2,64,780
				4. Drainage and Protective Works	983	...	983
II.—INDIRECT RECEIPTS.				Total ...	11,69,301	71,015	12,40,316
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	III.—COMPENSATION ...	5	...	5
Total Receipts ...	98,32,107	7,57,171	1,05,89,278	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ... 3. Executive ...	11,93,133	81,546	12,74,679
				Total ...	11,93,133	81,546	12,74,679
				V.—TOOLS AND PLANT ...	49,092	1,698	50,790
Carried over ..	98,32,107	7,57,171	1,05,89,278	Carried over ...	25,62,594	1,59,279	27,21,873

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

NIRA CANAL INCLUDING SHETPHAL TANK.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923—continued.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought over ..	98,32,107	7,57,171	1,05,89,278	Brought over ...	25,62,594	1,59,279	27,21,873
				VI.—REFUNDS OF REVENUE	20,539	...	20,539
				Total ...	25,83,133	1,59,279	27,42,412
				Share of Collection Charges in the Civil Department	4,83,506	37,561	5,21,067
				Total Direct Charges ...	30,66,639	1,96,840	32,63,479
				Indirect Charges debitable to Revenue Account as per Account No. 5	1,67,830	12,176	1,80,006
				Total Charges ...	32,34,469	2,09,016	34,43,485
				Balance Net Revenue ...	65,97,638	5,48,155	71,45,793
Grand Total ...	98,32,107	7,57,171	1,05,89,278	Grand Total ...	98,32,107	7,57,171	1,05,89,278

N.B.—Construction Estimate of the Nira Canal closed on 31st March 1899, *vide* Government Resolution No. 1847, dated 2nd April 1900.
Completion Report approved in Government Resolution No. 2307, dated 3rd December 1907.
Construction Estimate of the Shetphal Tank closed on 31st March 1906, *vide* Government Resolution No. 2434, dated 2nd October 1905.

Note—Loss of Revenue due to concessions granted for wheat cultivation during the Rabi Season 1916-1917, *vide* Government Resolution No. A. I.-12327, dated 18th December 1917, Rs. 7,305.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

NIRA CANAL INCLUDING SHETPHAL TANK.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-22.	79,97,784	Net Revenue realized to end of 1921-22.	65,97,638
Interest charges for the year 1922-23.	2,10,443	Do. during 1922-23.	5,48,155
On Rs. 60,96,736 outlay to end of the year 1916-17 at the average rate 3·3252 per cent. Rs. 2,02,729.			71,45,793
On subsequent outlay Rs. 1,40,760 (from 1917-18 to 1921-22 and half of 1922-23) at the average rate 5·48 per cent. Rs. 7,714.		Balance net interest charges	10,62,434
Total ...	82,08,227	Total ...	82,08,227

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	1,87,189	.....	1,87,189
2. Leave and Pension Allowances	1,85,356	568	1,85,924
3. Audit and Accounts	32	158	190
Total ...	3,72,577	726	3,73,303
REVENUE—			
1. Capitalized abatement of Land Revenue	.....	.....	.....
2. Leave and Pension Allowances	1,67,038	11,416	1,78,454
3. Audit and Accounts	792	760	1,552
Total ...	1,67,830	12,176	1,80,006

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

NIRA CANAL INCLUDING SHETPHAL TANK.

CANAL PROJECT.

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	47,68,387	62,153	48,30,540	85,036	1,00,691	15,655	49,15,576	
Establishment ...	11,46,855	12,678	11,59,533	45,108	22,740	—22,368	12,04,641	
Tools and Plant ...	1,26,141	—3,036	1,23,105	12,645	1,703	—10,942	1,35,750	
Suspense Accounts ...	...	...	...	...	...	...	...	
Total ...	60,41,383	71,795	61,13,178	1,42,789	1,25,134	—17,655	62,55,967	
Less—Receipts on Capital Account ...	8,382	...	8,382	3	...	—3	8,385	
Net Total ...	60,33,001	71,795	61,04,796	1,42,786	1,25,134	—17,652	62,47,582	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	1,83,159	1,715	1,84,874	2,315	2,600	285	1,87,189	
Leave and Pension Allowances ...	1,77,833	1,775	1,79,608	6,316	3,184	—3,132	1,85,924	
Audit and Accounts ...	...	...	...	190	485	295	190	
Total ...	3,60,992	3,490	3,64,482	8,821	6,269	—2,552	3,73,303	
Grand Total ...	63,93,993	75,285	64,69,278	1,51,607	1,31,403	—20,204	66,20,885	

			Rs.
Government Order (Public Works Department)	No. 10162, dated 6th May 1920 (including supplementary estimate)	...	23,421
Do.	do.	No. 5370, dated 21st May 1918	...	3,311
Do.	do.	No. 4945, dated 9th May 1918	...	5,758
Do.	do.	No. 5142, dated 14th May 1918	...	2,593
Do.	do.	No. 2659, dated 25th March 1919	...	14,178
Do.	do.	No. 4449, dated 14th April 1919	...	5,352
Do.	do.	No. 6945, dated 21st July 1919	...	8,963
Revised Estimate Sanctioned in Government Resolution, No. 1136, dated 20th March 1922 ...				23,962
Supplementary Estimate to that sanctioned in Government Resolution, No. 6945, dated 21st June 1919, sanctioned in Government Resolution, No. 1144, dated 14th March 1922			...	12,751
Government Resolution (Public Works Department) No. 1084, dated 30th August 1922			...	12,191
Do.	do.	No. 1280, dated 16th December 1922	...	4,602
Do.	do.	No. 2261, dated 23rd January 1923	...	6,400
Do.	do.	No. 2653, dated 22nd November 1923	...	3,054
			Total ...	1,31,403

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

KA'SURDI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
				2. Main Canals and Branches ...	31	...	31
1. Water-rates from Irrigation ...	9,815	60	9,875	3. Distributaries ...	80	...	80
3. Sales of water ...	20	...	20	Total ...	111	...	111
5. Plantations ...	2,807	...	2,882	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce ...		75					
				1. Head Works ...	19,720	56	19,776
11. Miscellaneous Receipts ...	8,428	1,345	9,773	2. Main Canals and Branches ...	...	15	15
				3. Distributaries ...	4,302	348	4,650
Total ...	21,070	1,480	22,550	Total ...	24,022	419	24,441
				IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS.				1 & 2. Direction and Accounts ...	15,572	453	16,025
				Total ...	15,572	453	16,025
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	V.—TOOLS AND PLANT ...	1,836	9	1,845
				Total ...	41,541	881	42,422
Total, Receipts ...	21,070	1,480	22,550	Share of Collection Charges in the Civil Department.	489	3	492
				Total, Direct Charges ...	42,030	884	42,914
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	2,311	67	2,378
				Total, Charges ...	44,341	951	45,292
				Balance Net Revenue ...	−23,271	529	−22,742
Grand Total ...	21,070	1,480	22,550	Grand Total ...	21,070	1,480	22,550

N.B.—Last Capital Account detailed in the Administrative Accounts for 1877-78. Construction Estimate closed on 31st March 1878—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 997, dated 21st June 1894.

Note—Loss of Revenue due to concessions granted for wheat cultivation during the Rabi Season 1916-1917—*vide* Government Resolution No. A. I. 12327, dated 18th December 1917 Rs. 100.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

KA'SURDI TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1922-23.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-22 ..	86,302	Net Revenue realized to end of 1921-22..	—23,271
Interest charges for the year 1922-23 ...	1,357	Net Revenue realized during 1922-23 ...	529
On Rs. 40,812 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.			—22,742
		Balance net interest charges ...	1,10,401
Total ...	87,659	Total ...	87,659

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	.....	.....	.....
2. Leave and Pension Allowances	2,307	63	2,370
3. Audit and Accounts	4	4	8
Total ...	2,311	67	2,378

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

SHIRSUPHAL TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	1,08,239	3,530	1,11,769	1. Head Works ...	606	...	606
3. Sales of water ...	3	...	3	3. Distributaries ...	144	...	144
				Total ...	750	...	750
5. Plantations ...	10,634	...	10,763	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce		129		1. Head Works ...	13,709	321	14,030
10. Fines	115	...	115	2. Main Canals and Branches ...	31,494	...	31,494
11. Miscellaneous Receipts	12,908	...	12,908	3. Distributaries ...	5,980	901	6,881
Total ...	1,31,899	3,659	1,35,558	Total ...	51,183	1,222	52,405
				IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS.				1 & 2. Direction and Accounts ...	42,987	1,322	44,309
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	Total ...	42,987	1,322	44,309
				V.—TOOLS AND PLANT ...	2,207	27	2,234
Total, Receipts ...	1,31,899	3,659	1,35,558	VI.—REFUNDS OF REVENUE	16	...	16
				Total ...	97,143	2,571	99,714
				Share of Collection Charges in the Civil Department	5,411	177	5,588
				Total, Direct Charges ...	1,02,554	2,748	1,05,302
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	6,075	197	6,272
				Total, Charges ...	1,08,629	2,945	1,11,574
				Balance Net Revenue ...	23,270	714	23,984
Grand Total ...	1,31,899	3,659	1,35,558	Grand Total ...	1,31,899	3,659	1,35,558

N.B.—Last Capital Account detailed in the Administrative Accounts for 1895-96. Construction Estimate closed on 31st March 1893—*vide* Government Resolution No. 328, dated 28rd February 1894. Completion Report approved in Government Resolution No. 328, dated 28rd February 1894.

Note—Loss of Revenue due to concessions granted for wheat cultivation during the Rabi Season 1916-1917—*vide* Government Resolution No. 4, I. 12227, dated 18th December 1917 Rs. 334.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-23.

SHIRSUPHAL TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1922-23.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-22	3,39,568	Net Revenue realized to end of 1921-1922	23,370
Interest charges for the year 1922-23.	7,056	Net Revenue realized during 1922-1923	714
On Rs. 2,12,199 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.			23,984
		Balance net interest charges ...	3,22,640
Total ...	3,46,624	Total ...	3,46,624

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	.....	.....	.....
2. Leave and Pension Allowances	6,060	185	6,245
3. Audit and Accounts	15	12	27
Total ...	6,075	197	6,272

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

BHA'DALVÁDI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	1,27,292	8,881	1,36,173	1. Head Works ...	1,092	...	1,092
				3. Distributaries ...	158	...	158
				Total ...	1,250	...	1,250
3. Sales of water ...	18	...	18	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce	13,324	4,292	17,616	1. Head Works ...	9,391	127	9,518
10. Fines	...	16	16	2. Main Canals and Branches ...	360	404	764
				3. Distributaries ...	36,507	1,045	37,552
11. Miscellaneous Receipts	2,664	...	2,664	Total ...	46,258	1,576	47,834
12. Deduct refunds...	...	24	24	IV.—ESTABLISHMENT.			
Total ...	1,43,298	13,165	1,56,463	1 & 2. Direction and Accounts ...	39,177	1,705	40,882
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	Total ...	39,177	1,705	40,882
				V.—TOOLS AND PLANT ...	2,044	35	2,079
Total, Receipts ...	1,43,298	13,165	1,56,463	VI.—REFUNDS OF REVENUE	46	...	46
				Total ..	88,775	3,316	92,091
				Share of Collection Charges in the Civil Department	6,362	445	6,807
				Total, Direct Charges ...	95,137	3,761	98,898
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	5,502	255	5,757
				Total, Charges ...	1,00,639	4,016	1,04,655
				Balance Net Revenue ..	42,659	9,149	51,808
Grand Total ..	1,43,298	13,165	1,56,463	Grand Total ...	1,43,298	13,165	1,56,463

N. B.—Last Capital Account detailed in the Administrative Accounts for 1895-96. Construction Estimate closed on 31st March 1891—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 827, dated 17th May 1894.

Note.—Loss of revenue due to concessions granted for wheat cultivations during the Rabi Season 1916-1917—*vide* Government Resolution No. A. I.-12327, dated 18th December 1917, Rs. 224.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

BHA'DALVA'DI TANK.

TANK PROJECT.

No. 4—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922.	3,36,849	Net Revenue realized to end of 1921-1922	42,659
Interest charges for the year 1922-1923 ...	7,087	Net Revenue realized during 1922-1923	9,149
			51,808
On Rs. 2,13,115 outlay to end of the year 1916-17 at the average rate 3·3252 per cent.		Balance net interest charges ..	2,92,128
Total ...	3,43,936	Total ...	3,43,936

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	.....	... ..	.....
2. Leave and Pension Allowances	5,489	239	5,728
3. Audit and Accounts	13	16	29
Total ...	5,502	255	5,757

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

MA'LA'DEVI TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922 ..	2,52,233	Net Revenue realized to end of 1921-1922...	.....
Interest charges for the year 1922-1923 ...	10,043	Do. during 1922-1923 ..	.....
On Rs. 3,02,040 outlay to end of 1916-17 at the average rate 3·3252 per cent.			.....
Subsequent outlay—*nil.*		Balance net interest charges	2,62,276
Total ...	2,62,276	Total ...	2,62,276

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	875	.....	875
2. Leave and Pension Allowances	9,013	.....	9,013
Total ...	9,888	.....	9,888

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	...	...	...	2,42,869	2,43,319	450	2,42,869	This work is a part of the Pravara River Irrigation Project, but separate account has been maintained until the new project is completed sufficiently to give an increased supply of water to the other canals—*vide* Government of India's No. 1951-I, dated 18th September 1908, communicated in Government Resolution No. 2721 of 29th October 1908. Estimate amounting to Rs. 3,14,574 for direct and indirect charges included in the above project sanctioned by the Secretary of State and communicated in Government of India's No. 171-I. of 24th June 1922—*vide* Government Resolution No. 2215 of 30th October 1922 has been shown here.
Establishment ...	...	...	...	60,546	60,653	107	60,546	
Tools and Plant...	...	...	...	1,473	1,473	...	1,473	
Suspense Accounts	...	...	...	...	...	...	...	
Total ...	...	...	...	3,04,888	3,05,445	557	3,04,888	
Less—Receipts on Capital Account.	...	...	...	2,848	774	—2,074	2,848	
Net Total ...	...	...	...	3,02,040	3,04,671	2,631	3,02,040	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue .	...	...	...	875	875	...	875	
Leave and Pension Allowances ...	...	...	...	9,013	9,028	15	9,013	
Audit and Accounts Establishment.	...	...	...	...	...	...	...	
Total ...	...	...	...	9,888	9,903	15	9,888	
Grand Total ...	...	...	...	3,11,928	3,14,574	2,646	3,11,928	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

BUDHIHAL TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	Direct Charges.			Cost of construction as now estimated.	Expenditure against closed estimate.
	Previous.	1922-1923.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS.					
(1) Head Works.					
A. Preliminary Expenses	836	...	836	1,600	...
B. Land	8,174	...	8,174	30,204	...
C. Masonry Works	45,988	...	45,988	1,50,393	...
K. Buildings	5,696	...	5,696	5,696	...
L. Earth-work	3,28,697	..	3,28,697	7,62,720	...
O. Miscellaneous	5,043	...	5,043	7,707	...
P. Maintenance	5,412	492	5,904	4,651	...
Total, Head Works ...	3,99,846	492	4,00,338	9,62,971	...
(2) Main Canals and Branches.					
Total, Main Canals and Branches ...	...	..	...	*1,66,500	...
Total, I.—Works ...	3,99,846	492	4,00,338	11,29,471	...
II.—ESTABLISHMENT.					
1. & 2. Direction and Accounts	89,939	127	90,066	54,973	...
3. Executive				1,97,617	...
Total, II.—Establishment ...	89,939	127	90,066	2,52,590	...
III.—TOOLS AND PLANT ...	5,074	11	5,085	16,468	...
Grand Total ...	4,94,859	630	4,95,489	13,98,529	...
V.—*Less*—Receipts on Capital Account ...	3,109	288	3,397	...	...
Net Outlay ...	4,91,750	342	4,92,092	13,98,529	...
APPORTIONMENT.					
Chargeable to 35.—Construction of Protective Irrigation Works ...	36,795	...	36,795	13,98,529	...
Do. 43.—Minor Works and Navigation	29,588	...	29,588		
Do. 53.—Famine Relief ...	4,25,283	...	4,25,283		
Do. 55.—Construction of Irrigation Works, Provincial ...	84	342	426		
Total ...	4,91,750	342	4,92,092	13,98,529	...

* Lump sum provision in the Estimate.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

BUDHIHAL TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922 ...	2,84,160	Net Revenue realized to end of 1921-1922...	.....
Interest charges for the year 1922-1923 ...	16,377	Do. during 1922-1923 ...	.....
On Rs. 4,91,036 outlay to end of 1916-17 at the average rate 3·3252 per cent.	Rs. 16,328		.....
On subsequent outlay, *i.e.*, from 1917-18 to 1921-22 and half of 1922-23 Rs. 885 at 5·48 per cent.	49	Balance net interest charges ...	3,00,537
	16,377		
Total ...	3,00,537	Total ...	3,00,537

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue...	5,741	.....	5,741
2. Leave and Pension Allowances	12,591	18	12,609
3. Audit and Accounts	4	5	9
TOTAL ...	18,336	23	18,359

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	...	...	...	4,00,338	11,29,471	7,29,133	4,00,338	
Establishment ...	...	...	...	90,066	2,52,590	1,62,524	90,066	
Tools and Plant...	...	...	...	5,085	16,468	11,383	5,085	
Total ...	...	...	...	4,95,489	13,98,529	9,03,040	4,95,489	
Less—Receipts on Capital Account.	...	...	...	3,397	...	—3,397	3,397	
Net Total ...	...	..	...	4,92,092	13,98,529	9,06,437	4,92,092	Estimate sanctioned by the Secretary of State's Despatch No. 21 of 14th April 1905, as per Government of India's No. 793—I. of 17th June 1905, communicated in Government Resolution No. 2/62 of 1st August 1905.
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	...	...	...	5,741	20,729	14,988	5,741	
Leave and Pension Allowances ..	...	...	...	12,609	35,362	22,753	12,609	
Audit & Accounts	...	...	...	9	...	—9	9	
Total ...	...	...	...	18,359	56,091	37,732	18,359	
Grand Total ...	...	...	...	5,10,451	14,54,620	9,44,169	5,10,451	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-23.

NIRA RIGHT BANK CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	Direct Charges.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1922-1923.	Total.		
I.—Works.	Rs.	Rs.	Rs.	Rs.	Rs.
(1) *Head Works.*					
A. Preliminary Expenses ...	45,160	...	45,160	34,252	.....
B. Land	24,553	—100	24,453	3,59,630	.....
C. Works	58,17,943	11,23,533	69,41,476	68,58,647	.....
K. Buildings	2,07,495	11,865	2,19,360	95,391	.....
O. Miscellaneous	42,688	3,527	46,215	79,231	.....
P Maintenance	68,679	10781	79,460	60,552	.....
Total, Head Works ...	62,06,518	11,49,606	73,56,124	74,87,703	.....
(2) *Main Canals and Branches.*					
A. Preliminary Expenses ...	2,40,625	1,812	2,42,437	1,84,517	.....
B. Land	1,98,938	3,558	2,02,496	2,03,625	.....
D. Regulators	.....	1,30,036	1,30,036	1,68,981	.....
F. River and Hill Torrent Works ...	21,49,022	3,05,191	24,54,213	23,86,367	.....
G. Bridges	2,27,653	61,890	2,89,543	1,98,572	.....
H. Escapes	1,243	217	1,460	1,050	.....
K. Buildings	2,61,681	11,135	2,72,816	2,55,500	.....
L. Earth-work	66,06,485	6,75,314	72,81,799	63,43,621	.....
M. Plantations	56,571	8,388	64,959	35,000	.....
O. Miscellaneous	43,179	8,957	52,136	4,169	.....
P. Maintenance	78,857	14,618	93,475	90,000	.....
Q. Loss on Stock	534	28	562	.....	.....
Total, Main Canals and Branches ...	98,64,788	12,21,144	1,10,85,932	98,71,402	.....
Carried over ...	1,60,71,306	23,70,750	1,84,42,056	1,73,59,105	.....

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

NIRA RIGHT BANK CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1922-1923.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	1,60,71,306	23,70,750	1,84,42,056	1,73,59,105	.....
(3) Distributaries.					
A. Preliminary Expenses ...	75,023	2,844	77,867	5,910	.....
B. Land	...	...	.....	1,47,480	.....
C. Works	59,984	2,60,793	3,20,777	27,94,027	.....
O. Miscellaneous	.....	1,648	1,648	.....	.....
Total, Distributaries ...	1,35,007	2,65,235	4,00,242	29,47,417	.....
(5) Special Tools and Plant ...	15,36,171	1,80,870	17,17,041	.....	.....
Total, I. Works ...	1,77,42,484	28,16,905	2,05,59,389	2,03,06,522	.....
II.—ESTABLISHMENT.					
1 and 2. Direction and Accounts ...	35,01,888	7,24,187	42,26,075	43,54,327	.....
3. Executive				21,801	.....
Total, II.—Establishment ...	35,01,888	7,24,187	42,26,075	43,76,128	.....
III.—TOOLS AND PLANT	8,16,239	68,281	8,84,520	3,26,613	.....
IV.—Suspense Accounts	3,87,600	1,86,329	5,73,929	.....	.....
Grand Total ...	2,24,43,211	37,95,702	2,62,43,913	2,50,09,263	.....
V.—*Less*—Receipts on Capital Account	26,024	11,056	37,080	.....	.....
Net Outlay ...	2,24,22,187	37,84,646	2,62,06,833	2,50,09,263	.....
APPORTIONMENT.					
Chargeable to 35.—Construction of Protective Irrigation Works ...	1,92,67,468	...	1,92,67,468	2,50,09,263	.....
Chargeable to 55.—Construction of Irrigation Works, Provincial ...	31,54,719	37,84,646	69,39,365		
Total ...	2,24,22,187	37,84,646	2,62,06,833	2,50,09,263	.....

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

IRRIGATION WORKS.

NIRA RIGHT BANK CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-22...	40,82,231	Net Revenue realized to end of 1921-22.	.....
Interest charges for the year 1922-23 ...	11,01,022	Net Revenue realized during 1922-23 ..	.....
On Rs. 1,07,39,412 outlay to end of the year 1916-17 at the average rate 3·3252 per cent. ... ... Rs. 3,57,107			.....
On subsequent outlay, *i.e.*, from 1917-18 to 1921-22 and half of 1922-23 Rs. 1,35,75,098 at 5·48 per cent. ... 7,43,915		Balance net Interest charges ..	51,83,253
Total ...	51,83,253	Total	51,83,253

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	60,435	388	60,823
2. Leave and Pension Allowances	4,90,264	10,11,386	5,91,650
3. Audit and Accounts	25,204	28,169	53,373
Total ...	5,75,903	1,29,943	7,05,846

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.				Rs.	Rs.	Rs.	Rs.	Rs.
Works ...	...	...	...	2,05,59,389	2,08,06,522	—2,42,867	2,05,59,389	Estimate drafted by Secretary of State in Council (Government of India's No. 1—80, dated 14th June 1916—vide Government of India's Resolution No. 1082 dated 31st August 1916) ... 87,72,000
Establishment ...	...	...	...	42,26,075	43,76,128	1,50,053	42,26,075	Estimate for survey and investigation of the Nira Valley Develop- ment Project sanctioned by Government in Government Order No. 3—9395, dated 9th October 1920, communicated in Government Order No. 7, dated 6th October 1920, communicated in Government Order No. V. L. —9395, dated 26th November 1920 ... 87,925
Tools and Plant ...	...	...	...	8,84,520	3,26,613	—5,57,907	8,84,520	
Suspense Accounts ...	...	...	...	5,73,929	...	—5,73,929	5,73,929	
Total ...	...	...	...	2,62,43,913	2,50,09,263	—12,34,650	2,62,43,913	
Less—Receipts on Capital Account ...	...	...	...	37,080	...	—37,080	37,080	
Net Total ...	...	...	...	2,62,06,833	2,50,09,263	—11,97,570	2,62,06,833	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue...	...	...	...	60,823	1,91,025	1,30,202	60,823	
Leave and Pension Allowances ...	...	...	...	5,91,650	6,09,606	17,956	5,91,650	
Audit and Accounts ...	...	...	...	53,373	...	—53,373	53,373	
Total ...	...	...	...	7,05,846	8,00,631	94,785	7,05,846	
Grand Total ...	...	...	...	2,69,12,679	2,58,09,894	—11,02,785	2,69,12,679	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

REVISION OF THE GOKAK CANAL.

EXTENSION PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	Direct charges.			Cost of Construction as now estimated.	Expenditure against closed estimates.
	Previous.	1922-23.	Total.		
	Rs.	Rs.	Rs.	Rs.	
I.—WORKS.					
(2) *Main Canals and Branches.*					
A. Preliminary Expenses ...	2,399	39,761	42,160		
Total, Main Canals and Branches ...	2,399	39,761	42,160		
II.—ESTABLISHMENT.					
1 and 2. Direction and Accounts ...	800	15,831	16,631		
3. Executive					
Total, Establishment ...	800	15,831	16,631		
III.—TOOLS AND PLANT ...	173	1,758	1,931		
Grand Total ...	3,372	57,350	60,722		
V.—*Less*—Receipts on Capital Account— ...	.....	...	.....	.....	
Net Outlay ...	3,372	57,350	60,722	31,500	
APPORTIONMENT.					
Chargeable to 55.—Construction of Irrigation Works, Provincial ...	3,372	57,350	60,722	31,500	
Total ...	3,372	57,350	60,722	31,500	

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount		Amount
	Rs.		Rs.
Total interest charges to end of 1921-1922	103	Net Revenue realized to end of 1921-1922	.....
Interest charges for the year 1922-1923	1,756	Net Revenue realized during 1922-1923	.....
On Rs. 3,372 plus Rs. 28,675 (half outlay of 1922-1923) = 32,047 at 5·48 per cent.		Balance net interest charges ...	1,859
Total ...	1,859	Total ...	1,859

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

REVISION OF THE GOKAK CANAL.

EXTENSION PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
2. Leave and Pension Allowances	112	2,216	2,328
3. Audit and Accounts	24	398	422
Total ...	136	2,614	2,750

No. 6.—Statement comparing Charges to date with sanctioned estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.				Rs.	Rs.	Rs.	Rs.	
Works				42,160	...	...	42,160	
Establishment ...				16,631	...	...	16,631	
Tools and Plant ...				1,931	...	...	1,931	
Suspense Accounts ...				...	...	...	...	
Total ...				60,722	...	...	60,722	
Less—Receipts on Capital Account ...				...	...	...	...	
Net Total ...				60,722	31,500	-29,222	60,722	Estimate sanctioned in Government Resolution No. W.I. (P.W.D.) 2788, dated 14th February 1922 Rs. 31,500. Revised Estimate for this project has been submitted for sanction.
INDIRECT CHARGES.								
Leave and Pension Allowances ...				2,328	...	-2,328	2,328	
Audit and Accounts Establishment ...				422	...	-422	422	
Total ...				2,750	...	-2,750	2,750	
Grand Total ...				63,472	31,500	-31,972	63,472	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

VICTORIA TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1922-1923.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated.	Expenditure against closed estimates.
	Previous.	1922-1923.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS.					
(1)—*Head Works.*					
A. Preliminary Expenses	...	...	...	600	...
B. Land	4,052	...	4,052	13,200	...
C. Masonry Works	2,352	...	2,352	60,033	...
K. Buildings	...	...	...	1,000	...
L. Earth-work	45,742	...	45,742	2,72,099	...
P. Maintenance	752	20	772	712	...
Total, Head Works ...	52,898	20	52,918	3,47,644	...
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses	...	...	...	200	...
B. Land	...	...	...	80	...
C. Masonry Works	...	...	...	4,500	...
K. Buildings	...	...	...	200	...
L. Earth-work	...	...	...	1,420	...
Total, Main Canals and Branches ...	...	...	...	6,400	...
Total, I.—Works ...	52,898	20	52,918	3,54,044	...
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts	11,163	5	11,168	17,038	...
3 Executive				61,337	...
Total, II.—Establishment ...	11,163	5	11,168	78,375	...
III.—Tools and Plant	726	1	726	5,111	...
Grand Total ...	64,786	26	64,812	4,37,530	...
V.—*Less*—Receipts on Capital Account ...	1,949	120	2,069	...	...
Net Outlay ...	62,837	−94	62,743	4,37,530	...
APPORTIONMENT.					
Chargeable to 43.—Minor Works and Navigation ...	18,251	...	18,251	4,37,530	...
Do. 33.—Famine Relief ...	44,704	...	44,704		
Do. 55.—Construction of Irrigation Works ...	−118	−94	−212		
Total ...	62,837	−94	62,743	4,37,530	...

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

IRRIGATION WORKS—VICTORIA TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount Rs.		Amount Rs.
Total interest charges to end of 1921-1922	33,105	Net Revenue realized to end of 1921-1922	.....
Interest charges for the year 1922-1923.	2,265		
On Rs. 54,565 outlay to end of the year 1916-17 at the average rate 3-3252 per cent. ...	Rs. 1,814	Net Revenue realized during 1922-1923	.....
On subsequent outlay Rs. 8,225 at the average rate 5·48 per cent. ...	451		.....
		Balance net interest charges ...	35,370
Total ...	35,370	Total ...	35,370

No. 5.—Account of Indirect Charges for, and to end of, 1921-1922.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	2,463	.....	2,463
2. Leave and Pension Allowances	1,564	1	1,565
3. Audit and Accounts	.....	.....	.....
Total ...	4,027	1	4,028

No. 6.—Statement comparing Charges to date with Sanctioned estimates.

Particulars.	Charges against closed sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	...	...	...	52,918	3,54,044	3,01,126	52,918	
Establishment ...	...	...	...	11,168	78,375	67,207	11,168	
Tools and Plant ...	...	...	...	726	5,111	4,385	726	
Total ...	...	...	...	64,812	4,37,530	3,72,718	64,812	
Less—Receipts on Capital Account ...	...	...	...	2,069	...	-2,069	2,069	
Net Total ...	...	...	...	62,743	4,37,530	3,74,787	62,743	Government of India's No. 449-I. of 22nd March 1905—*vide* Government Resolution No. 1213, dated 6th May 1905.
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	...	...	...	2,463	12,500	10,037	2,463	
Leave and Pension Allowances	...	...	...	1,565	10,973	9,408	1,565	
Total ...	...	...	...	4,028	23,473	19,445	4,028	
Grand Total ...	...	...	...	66,771	4,61,003	3,94,232	66,771	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

SUKI RIVER.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1922-1923.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1921-1922	5,430	Net Revenue realized to end of 1921-1922	.....
Interest charges for the year 1922-1923.	503	Net Revenue realized during 1922-1923	.....
On Rs. 15,139 outlay to end of the year 1916-1917 at the average rate 3·3252 per cent.			.....
Subsequent outlay nil		Balance net interest charges ...	5,933
Total ...	5,933	Total ...	5,933

No. 5.—Account of Indirect Charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	.....	.....	.....
2. Leave and Pension Allowances	385	.....	385
3. Audit and Accounts	.....	.....	.....
Total ...	385	.....	385

No. 6.—Statement comparing Charges to date with Sanctioned estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works	...	...	...	12,212	...	—12,212	12,212	Undertaken as a Famine Relief Work and the famine outlay at normal rates has been adjusted during the year 1911-1912. Outlay without estimate approved in Government Resolution No. A.I.—6022, dated 7th June 1913.
Establishment ...	...	...	...	2,749	...	—2,749	2,749	
Tools and Plant ...	...	...	...	178	...	—178	178	
Total ...	...	...	...	15,139	...	—15,139	15,139	
Less—Receipts on Capital Account...	...	...	...	...	...	...	...	
Net Total ...	...	...	...	15,139	...	—15,139	15,139	
INDIRECT CHARGES.								
Capitalized Abatement of Land Revenue	...	...	...	...	...	...	...	
Leave and Pension Allowances ...	...	...	...	385	...	—385	385	
Total ...	...	...	...	385	...	—385	385	
Grand Total ...	...	...	...	15,524	...	—15,524	15,524	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.

SIND.

No. 3.—Revenue Account for, and to end of, 1922-1923.

Receipts.	Total.			Charges.	Total.		
	Previous.	1922-1923.	Total.		Previous.	1922-1923.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	5,51,569	15,674	5,67,243	I.—EXTENSIONS AND IMPROVEMENTS ...	26,76,999	20,623	26,97,622
3. Sales of water ...	2,372	373	2,745				
4. Water-supply of towns ...	1	...	1				
5. Plantations ...	3,26,405	1,080	3,33,528	II.—MAINTENANCE AND REPAIRS ...	1,29,42,291	4,70,645	1,34,12,936
6. Other canal produce ...		6,093					
8. Navigation ...	261	405	666				
9. Rents of buildings.	34,561	520	35,081				
10. Fines	41,427	1,379	42,806				
11. Miscellaneous Receipts ...	4,69,459	8,835	4,78,294	IV.—ESTABLISHMENT.			
12. Recoveries of Expenditure ..	3,906	460	4,366	1 & 2. Direction and Accounts ...	30,64,685	1,17,724	32,02,309
13. Deduct-Refunds	98	...	98				
Receipts from 1874-75 to 1899-1900	12,02,054	...	12,02,054	3. Executive			
Total ...	26,31,917	34,769	26,66,686				
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department ...	5,10,62,849	13,99,001	5,24,61,850	V.—TOOLS AND PLANT ...	44,704	9,779	54,483
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A.I., dated respectively 20th June and 1st Aug. 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	9,84,723	25,415	10,10,138	VI.—REFUNDS OF REVENUE ...	443	...	443
				Suspense Accounts ...	1,67,343	37,970	1,29,373
				Total ...	1,99,16,365	5,80,801	1,94,97,166
Receipts from 1874-75 to 1899-1900 ...	4,71,38,677	.....	4,71,38,677				
Total ...	9,91,86,249	14,24,416	10,06,10,665	Share of Collection Charges in the Civil Department	31,20,149	84,967	32,05,116
Total, Receipts ...	10,18,18,166	14,59,185	10,32,77,351	Total direct charges ...	2,20,36,514	6,65,768	2,27,02,282
Note.—Loss to the canal on account of difference between assessment of water-rates on Jaghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 323-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Indirect Charges debitable to Revenue Account as per Account No. 5	43,779	21,394	65,173
				Charges from 1874-75 to 1899-1900 ...	2,22,85,677	...	2,22,85,677
To end of 1920-1921 ... Rs. 42,53,051				Total Charges ...	4,43,65,970	6,87,162	4,50,53,132
Loss for 1921-1922 ... 1,08,752				Balance Net Revenue ...	5,74,52,196	7,72,023	5,82,24,219
Total ... 42,61,803				Grand Total ...	10,18,18,166	14,59,185	10,32,77,351
Grand Total ...	10,18,18,166	14,59,185	10,32,77,351				

N.B.—This account has been prepared in accordance with the instructions contained in Government of India's No. 636-C.W.I., dated 10th June 1901, communicated in Government Resolution No. A.I.—1453, dated 12th July 1901.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1922-1923.

WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.

SIND.

No. 5.—Account for Indirect charges for, and to end of, 1922-1923.

Particulars.	Previous.	1922-1923.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	.....	.....	.....
2. Leave and Pension Allowances	32,354	16,481	48,835
3. Audit and Accounts	11,425	4,913	16,338
Total ...	43,779	21,394	65,173

STATISTICAL STATEMENTS

FOR

IRRIGATION WORKS, DECCAN AND GUJARAT

For the year 1922-23.

STATEMENT

Statement of Canals in the Bombay Presidency.

Source of Supply of Water.	(3) Shahada Channel	(4) Háthmati and Khári Cut Canals. Háthmati Canal.	(4) Háthmati and Khári Cut Canals. Khári Cut Canal.	(13) Jámda Canals.	(19) Krishna Canal.	(21) Revári Canal.	(24) Chikli Canal.	(27) Gokák Canal, 1st Section, and Storage Works.	(32) Dharna Canal.
	Gomai River.	Háthmati River.	Khári River.	Girna River.	Krishna River.	River Várna.	River Nándni.	River Ghatprabha and Storage Works.	Dharna River.
Minimum discharge per second. C. ft. per second.	§	K. 30 R. 38 H. W. 25	15 18 7	K. 132 R. 20 H. W. 1	R. 183·23 R. 174·60 H. W. 7·68	K. 4·80 R. 4·70 H. W. 1·80	Not recorded.	K. Nil. R. 105·61 H. W. Nil.	K. Nil. R. ,, H. W. Nil.
Maximum discharge of canal. ,, ...	§	K. 282 R. 182 H. W. 120	203 208 27	Left Bank. Right Bank. K. 89 24 R. 65 23 H. W. 52 17	112·95	4·73		Canal Mills. K. 66 66 R. 66 66 H. W. 16·50 66	K. 392·97 R. 167·43 ...
Average annual rainfall. Inches.	...	K. 26·10 R. 0·50	25·87 0·28	25·06	25·49	26·91	22·06	20·16	78·01
Gross area commanded. Acres.	3,000	44,744	33,000	Left Bank. Right Bank. 37,192 3,166	28,327	3,313	1,871	18,568	13,562
Culturable do. ... ,,	3,000	28,540	20,000	33,124 7,061	26,453	3,624	1,478	17,627	12,570
Area irrigable by complete project ... ,,	3,000	11,336	16,000	3,500 1,500	14,320	1,920	1,478	17,627	12,570
Area irrigable at present. ,,	2,000	3,000	16,000	3,500 1,500	12,320	1,920	1,478	17,627	12,570
Sanctioned Estimate— Direct charges ... Rs.	62,031	4,96,805	5,79,678	10,27,238	8,29,067	56,324	58,803	13,19,115	95,553
Indirect charges ... ,,	4,503	30,086	30,651	61,402	48,216	3,124	3,612	76,902	2,752
Interest during construction ... ,,	...	2,37,687	...	...	7,33,613	...	...	1,44,865	...
Total, Estimate... Rs.	66,534‡	61,578	6,10,329	10,88,640	16,60,896	59,448	57,415	15,40,882	98,3??
Expenditure to end of 1922-23. Direct charges Rs...	62,031	4,93,590	7,50,058	9,94,136	8,92,977	56,771	53,803	13,01,750	95,500
Indirect charges Rs...	4,503	27,004	47,207	50,901	51,482	3,040	3,639	80,172	2,323
Interest during construction Rs.	2,086	2,37,687*	870 ...	...	7,33,061	...	...	2,41,093	...
Total Expenditure. Rs.	68,620	7,58,281	7,98,135	10,44,137	17,27,520	59,811	57,442	16,23,015	97,823
Works as now sanctioned—									
Main Canals, Irrigation. Miles.	18·00	21	31	32	35·25	5·66	6·50	4·10	19·00
Branch Canals do. ,,	...	...	8	....	26·25	5·25	...	12·03	8·15
Distributaries ... ,,	0·57	25	27	75	...	...	...	35·43	3·71
Of above—									
Navigable Channels. Miles.	...	...	...	...	...	...	...	...	...
Works completed at end of 1922-1923—									
Main Canals, Irrigation. Miles.	18·00	21	31	39	35·25	5·00	6·50	4·10	19·00
Branch Canals do. ,,	...	...	8	...	26·62	5·25	...	12·03	8·15
Distributaries ... ,,	0·57	53	29·5	75	...	...	...	35·43	3·71
Of above—									
Navigable Channels. Miles.	...	...	...	...	...	...	...	...	...

Note.—As irrigation has begun on the extended Pravara Left Bank Canal figures shown in the statement are for the new canal. The figures for the old Pravara Left Bank Canal are not shown.

§ As the channel had been a second class work no detail was kept. The discharge is being recorded from 1923-24 *vide* Government Resolution No. 1918, dated 9th June 1923.

* As reported by the Superintending Engineer, Northern Division.

(a) The culturable and irrigable areas commanded as given in the second revised project of the Pravara River Works are 132,976 and 37,000 acres, respectively, these include the old areas (culturable and irrigable at present) under Lakh Canal, *viz.*, 25,536 and 11,280 acres, respectively. The balance is distributed between the two Pravara canals in proportion to their gross commands.

‡ The capital outlay on the works to end of 1921-22 *vide* Government Resolution No. 1918, dated 9th June 1923.

I—A.

excluding Sind, for the year 1922-1923.

(33) Ka'dva River Works.			(34) Girna Left Bank.	(35) Pravara River works.	(36) Godávari Canals.		(37) Pravara River works	(39) Pravara River works.	(41) Nira Left Bank Canal.	(47) Nira Right Bank Canal.
Pálkhed Canal.	Ojhar Támbat Canal.	Wadáli Canal.	Chankapur Tank.	Lákh Canal	Right Bank Canal.	Left Bank Canal.	Pravara Right Bank Canal.	Pravara Left Bank Canal.		
Kádva River.	Bánganga River.	Kádva River.	Girna River.	Pravara River.	Godávari River.		Pravara River	Pravara River.	River Nira and Reservoir at Bhátghar.	River Nira and new Reservoir at Bhátghar.
K. 78	K. 15	K. 2	K. 51	K. 2	K. 94	K. 55	K. 35	K. 37	K. 1,318	
R. } Supplied from Wagbád tank	R. } Supplied from Wagbád tank	R. 3	R. 32	R. 2	R. 95	R. 70	R. 23	R. 7	R. 184	
H.W.	H.W.	H.W. 5	H. W. } Supplied from Chankapur Tank.	H. W. 0·69	H. W. 69	H. W. 53	H. W. 16	H. W. 23	H. W. 5	
K. 59	K. 11	K. 15	K. 51	K. 11	K. 285	K. 143	K. 107	K. 306	456	
R. 70	R. 15	R. 10	R. 66	R. 7	R. 329	R. 194	R. 126	R. 262		
H. W. 27	H. W. 12	H.W. 7	H. W. 43	H. W. 6	H. W. 242	H.W. 163	H. W. 71	H. W. 110		
25·61	19·30	19·20	17·37	23·05	20·6	14·86	20·79	20·30	20·51	145†
28,832	8,055	3,486	29,182	29,913	1,44,310	88,080	(a)73,763	(a)1,25,044	2,74,447	5,59,657
26,280	7,421	2,729	25,200	25,536	1,36,390	83,000	(a)58,415	(a)99,025	2,27,670	4,47,726
23,466	6,824	2,433	8,500	22,760	49,331	30,109	(a)16,960	(a)28,760	1,13,280	1,32,000
9,837	2,367	2,433	8,500	11,280	49,331	30,109	(a)16,960	(a)28,760	1,13,280	.....
2,38,087	14,541	29,771	19,69,449	3,75,189	95,46,098		1,43,83,925		57,34,655	4,76,28,007
15,761	833	1,540	67,634	20,277	4,90,702		6,99,556		3,69,780	14,82,853
2,12,554	2,411	32,150	.....	3,65,298	...		.....		28,44,872	.....
4,66,402	17,785	63,461	(b) 20,37,083.	7,60,764	(b) 1,00,36,800		(b)1,50,83,481		(c)89,49,307	4,91,10,860
2,71,376	7,186	28,291	19,75,451	3,52,446	97,44,735		1,22,88,571		62,47,582	2,62,06,833
17,216	647	2,354	68,013	19,445	4,98,215		4,00,053		3,73,303	7,05,846
3,17,565	5,044	45,031	10,50,404	3,55,414	40,23,188		30,15,529		82,08,239	51,83,228
6,06,157	12,877	75,676	30,93,868	7,27,305	1,42,66,138		1,57,02,153		1,48,29,124	3,20,95,007
11·00	8·00	8·62	(e)18·61	23·00	(d) 69·00	(d) 48·00	(d) 33·00	(d) 47·12	100·25	110·00
.....	.....	...	.....	...	(d) 5·00	.....	.....	(d) 12·00	.....	.....
21·50	.....	...	(e)20·80	11·00	(d) 42·25	(d) 15·25	(d) 13·00	(d) 81·25	139·00	.....
.....	.....	...	.....	...	.....	.....	.....	...	.....	.....
11·00	4·50	8·62	(d)18·61	23·00	(d) 69·00	(d) 48·00	(d) 33·00	(d) 47·12	100·25	.....
.....	.....	...	.....	...	(d) 5·00	.....	.....	(d) 12·00	.....	.....
(f)13·92	.....	...	(d)20·80	9·37	(d) 42·25	(d) 15·25	(d) 13·00	(d) 81·25	139·00	.....
.....	.....	...	.....	...	.....	.....	.....	..	.....	.....

† Estimated rainfall in the catchment.
(b) These figures are for the whole project.
(c) These figures do not include the amount of widening the Nira Left Bank Canal.
(d) As actually completed.
(e) Includes the Girna Left Bank Canal extension as irrigation has begun on the extension since 1921-22.
(f) Owing to diversion of tail portion of Palkhed canal, the length of distributaries is diminished.

STATEMENT

Statement of Reservoir Projects in the

	(1)	(2)	(5)	(6)	(6)A	(7)	(8)	(9)	(10)	(11)	(12)	(14)	(15)	(16)	(17)	(18)	(20)
Source of Supply.	Godi-kari Tank.	Ma-vin-kop Tank.	Wan-groli Tank.	Tenna Tank.	Nagrem-ma Tank.	Sivli Tank.	Sahlat Tank.	Futelao Tank.	Lower Dighra River Works and Mukti Tank.	Hartala Tank.	Mhasva Tank.	Bhatodi Tank.	Ekrak Tank.	Koregaon Tank.	Ashti Tank.	Pishri Tank.	Mhasva Tank.
	Nala.	Nala.	Kharwa Nala.	Mahar Drainage Channel.		Gidda Nala.	Sahlat Nala.	Futelao Nala.	Local Streams.	Local Streams.	Local Streams.	Mehekri River.	Adhola River.	Nala.	Ashti Nala.	Yarai River.	Mhasva River.
All supplied by rainfall. { Area of catchment ... Sq. miles. / Average annual rainfall ... Inches.	4·62 / 29·47	6·25 / 40·50	13 / 27·25	Nil.* / 23·67	1·5*	11 / 25·98	12·5 / 24·53	7 / 24·77	24·22 / 22·70	6·30 / 26·25	12·60 / 27·51	44 / 25·41	130 / 29·15	7 / 26·94	92 / 24·27	27·5 / 27·47	480 / 272
Contents of tanks between levels of surface of full supply and sill of canal head sluices. { At full Gross capacity in cubic feet.	27·60	45·75	212·00	70·27	97·14 {	172·27† / 2101	130	58	324	134	172	154 (75·33) at present after deducting silt.	3,210	84·35	1,419	407	321
Area of surface at full supply. ... Acres.	128	176	307	196	278	557	063	198	509	402	421	315	4,651	202	2,330	691	4,614
Gross area commanded ... Acres.	667	878	5,000	1,000	500	4,700	4,000	1,000	12,117	594	4,047	15,136	17,153	2,304	17,382	5,000	129,045
Culturable do. ... ,,	637	725	5,000	858	402	4,700	4,000	1,200	12,027	527	4,028	13,857	16,941	2,304	16,825	4,856	108,214
Area irrigable by complete project. ... ,,	450	755	3,000	500	300	3,000 {	(2,000 to 3,500)	840	12,027	415	1,700	12,124	16,941	1,050	11,780	2,500	24,300
Do. at present. ... ,,	417	617	3,400	500	300	3,000	2,000	800	12,027	415	1,700	12,124	16,941	1,050	11,780	2,500	24,300
Wells supplied by tanks. ... No.	Not known.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12
Sanctioned Estimate—																	
Direct Charges ... Rs.	16,990	39,379	2,03,375		2,61,046	2,25,706	1,56,133	1,02,126	4,44,486	49,990	1,29,213	3,51,767	12,33,243	40,731	7,54,250	6,43,141	20,31,327
Indirect charges ... ,,	541	4,005	37,041		51,036	23,819	32,549	5,003	23,774	26,150	10,393	25,511	1,05,657	1,818	80,677	29,745	4,66,947
Interest during construction ... ,,	...	...	...		...	...	...	...	2,37,421	...	...	...	8,00,660	...	...	...	4,61,221
Total Estimate ... Rs.	17,531	34,384	2,50,416		3,12,734	2,49,525	1,88,682	1,10,129	7,04,681	76,940	1,40,015	3,76,278	21,35,630	42,049	8,34,927	6,72,886	27,54,495
Expenditure to end of 1922-23. { Direct Charges. Rs. / Indirect charges. ,, / Interest during construction ... ,,	18,362 / 545 / ...	30,165 / 3,319 / ...	2,42,512 / 59,783 / ...		3,33,032 / 42,903 / ...	2,31,179 / 21,081 / ...	1,66,453 / 25,577 / ...	1,01,356 / 9,105 / ...	4,45,382 / 23,220 / 4,19,839	57,948 / 25,434 / ...	1,23,783 / 10,175 / ...	3,33,935 / 27,023 / ...	12,28,117 / 1,12,989 / 10,27,893	37,923 / 1,265 / ...	7,69,743 / 79,132 / ...	6,37,825 / 15,021 / ...	20,56,513 / 90,462 / 14,45,497
Total Expenditure ... Rs.	16,918	33,504	2,93,295		3,80,035	2,52,310	1,84,029	1,16,461	8,87,490	72,382	1,33,958	3,79,707	23,68,979	39,189	8,34,875	6,42,846	35,41,503
Works now sanctioned—														2 dams, 1 earth & 1 masonry.			
Dam (earthen masonry) ...	Earth.	Earth.	Earth.	Earth.	Earth.	Earth.	Earth.	Earth.	Earth.	Earth.	Earth.	Masonry	Earth.		Earth.	Earth.	Earth.
Total height ... Feet.	29·00	30·33	27·18	15·84	17·13	37·3	22·14	24·00	65	51·50	44	50	76	71 & 16	57·75	63·75	79·79
Canals ...Miles.	...	...	13·70	6·35	7·25	8·35	9·25	4·48	...	...	...	4·25	49	3·75	27·50	4·65	66·25†
Distributaries ... ,,	1·50	2.19	...	...	...	1·22	0·83	...	45	3·50	7	3·50	1·68	...	3·15	3·33	43·56
Works completed at end of 1922-23—																	
Dam (height completed) ... Feet.	20·00	30·33	27·18	15·84	17·13	37·3	22·14	24·00	65	51·50	44	50	76	71 & 16	57·75	63·75	79·79
Canals ...Miles.	...	...	17·20	6·35	7·25	8·35	9·25	3·99	...	...	...	4·25	49	3·75	27·50	4·65	66·25†
Distributaries ... ,,	1·50	2·19	Nil.	...	...	1·22	1·79	...	45	3·50	7	3·50	1·68	...	3·15	3·33	43·56

* The catchment area of the drainage channel is 12 square miles in addition.
† At provisional F. S. L. R. L. 1083·0.
‡ At original F. S. L. R. L. 1084·0.
§ Decimals have been omitted.
¶ Includes 33½ miles of branch Canals.
** As per contours recently taken, vide S. E., D. I. D.'s No. 1908, dated 5th May 1923.
|| Estimated rainfall in the catchment.

II.-A.

Bombay Presidency, excluding Sind, for 1922-1923.

(32)	(33)	(34)	(35)	(37)	(38)	(39)	(30)	(31)	(32)	(34)	(36)	(38)	(40)	(40)A	(41)	(41)A	(42)	(43)	(44)
Upper Mla River Works (Pingli Tank).	Yerla River Irrigation Works (Nehr Tank).	Mulni Tank.	Much-kundi Tank.	Gokak Canal, 1st Section, and Storage Works.	Dambal Tank.	Modarl Tank.	Madag Tank.	Asondi Tank.	Kidva River Works (Wadad Tank).	Chanla-pur Tank Girna Left Bank Canal.	Dárna Reser-voir Godá-vari Canals.	Parsul Tank.	Mutha Reservoir, Lake Pilo Mutha Canals.	Málegh Tank.	Bhát-ghar Reser-voir, Bira Canal.	Shetphal Tank.	Ka-sarsi Tank.	Shirva-phal Tank.	Bhádal-wádi Tank.
Mán River.	Yerla River.	Wanga Nála.	Much-kundi Nála.	Ghatprabha River, Ghód Catchment.	Nálá.	Nálá.	Kumud-wati River.	Nálá.	Kolvan River, Ghat Catch-ment.	Girna River.	Dárna River.	Parsul River.	Mutha River, Ghat Catch-ment.	Small Nála and Mutha Right Bank Canal.	Yelvandi River, Ghat Catch-ment.	Nira Canal.	Ka-sarsi Nála.	Deccan Tribu-tary of the Bhima River.	Deccan Tribu-tary of the Bhima River.
20·00	59·65	31·79	20·00	1,980	49	11	540	23	29	100	156	17	196	10	122	2·33	6	33	23
19·18	24·78	20·07	16·70	20·16	19·33	19·75	23·63	24·05	47·73	34·23	34·50	17·04	1381	16·18	1461	19·27	17·72	16·68	9·73
191	489	153	634	907·182	113·65	57·20	51·63	74	605	1,543	7,752**	119	3,447(h)	220(f)	9,315	572	9(f)	337(f)	190(f)
340	676	427	1,059	2,721·26	442	109	363	416	778	1,043	3,584	131	3,735	417	4,715	593	319	831	235
5,443	11,234	4,676	5,570	(a)	3,000	1,916	2,851	1,500	(g)...	(a)...	(a)...	3,337	94,097	10,700	No irrigation direct from the Reservoir.	25,000(e)	527	4,600	3,000.
7,623	10,650	4,625	5,417	(a)	2,500	830	1,545	1,031	(g)...	(a)...	(a)...	3,197	49,300(i)	7,153		23,000(e)	473	3,800	2,400
2,959	6,000	4,625	3,417	(a)	2,500	1,362	2,188	1,031	(g)...	(a)...	(a)...	1,000	16,800	3,250		4,200	150	1,400	2,000
2,063	5,630	4,625	750	(a)	1,000	600	1,545	1,031	(g)...	(a)...	(a)...	1,000	16,800	3,250		4,200	150	1,200	2,000
29	28	13	...	41	Uncertain.	...	...	...	...	...	...	...	...	...		...	...	...	...
4,16,841	2,96,754	3,66,000	1,68,200	(a)	61,162	78,237	2,02,363	67,721	4,67,662	(a)...	(a)...	2,15,399	64,62,510	1,03,000	(a)...	7,04,443	49,813	2,09,460	3,14,392
28,190	45,660	22,462	20,220	(a) ...	3,744	3,466	17,145	12,754	36,835	(d)...	(d)...	9,346	2,50,743	17,500	(a)...	66,485	4,778	12,823	14,843
...	...	...	...	(a)	...	...	...	...	2,17,233	(a)...	(a)...	...	56,54,209	...	(a)...	55,157	...	...	...
4,44,031	7,45,314	3,80,465	1,68,420	(a)	64,906	81,703	2,40,407	80,485	7,01,730	(a)...	(a)...	2,23,012	1,23,73,762	3,10,500	(a)...	8,06,084	48,590	2,23,282	3,28,725
4,15,838	7,27,656	4,62,135	1,40,217	(a)	60,947	78,356	1,61,248	60,741	6,64,888	(a)...	(a)...	2,02,007	62,44,540	Included in the Mutha Canal.	(a)...	(a)...	46,812	2,12,199	2,13,118
29,451	45,671	25,925	18,420	(a)	3,133	3,038	6,850	14,254	43,233	(a)...	(a)...	6,988	2,85,313		(a)...	(a)...	4,778	12,288	14,507
...	...	...	...	(a)	...	...	...	...	4,45,241	(a)...	(a)...	...	1,16,73,468		(a)...	(a)...	...	...	...
4,39,289	7,73,127	4,87,650	1,58,707	(a)	63,980	81,392	1,67,598	74,995	11,52,362	(a)...	(a)...	2,14,995	1,54,13,410	...	(a)...	(a)...	46,590	2,24,568	3,27,432
Earth.	Earth.	Earth.	Masonry	Masonry.	Earth.	Earth	Earth.	Earth.	Earth.	Masonry	Masonry	Earth.	Masonry.	Earth.	Masonry.	Earth.	Earth.	Earth.	Earth.
53·0	74	57·33	60·00	27 ft. (maximum above founda-tion).	42·25	41	100	53·95	95	93	92	62·27	97·84	49·41	{127(c) 106(d)}	98	33·45	54·33	55·09
17·50	33·33	9·25	5·50	16·13	...	...	9	...	(g)...	(b)...	(c)...	...	88	...	(c)...	6·54	...	...	...
0·00	4	7·66	2·25	35·43	3·27	4·64	...	4·38	(g)...	(c)...	(c)...	4·75	70	17	(c)...	...	1·75	12·50	9·75
53·0	74	57·33	60·00	27·00	42·25	41	100	53·95	95	93	92	62·27	97·84	49·41	{127(c) 106(d)}	98	33·45	54·33	55·09
17·50	33·33	9·25	5·50	4·10 Main Canal, 12·03 Wa-darbat Branch.	...	...	9	...	(g)...	(b)...	(c)...	...	88	...	(c)...	6·54	...	...	...
0·00	4	7·66	2·25	35·43	3·27	4·64	...	4·38	(g)...	(c)...	(c)...	4·75	87	17	(c)...	...	1·75	12·50	9·75

(a) Figures given in Statement I-A.
(b) The tank supplies the Girna Left Bank Canal.
(c) Above lowest foundations.
(d) Above lowest point in river bed.
(e) This area is also commanded by the Nira Left Bank Canal.
(f) The tank supplies the Pálkhed, Ojhar, Támbat and Waldhi Canals and their distributaries as noted in Statement I-A.
(g) Storage available after deducting 50% r. cft. which cannot be used on account of the Poona water-supply.
(h) Includes 7,133 acres commanded by Matoba Tank.
(i) After deducting silt deposits.

STATEMENT

Capital Account of Irrigation Works in Deccan

Name of Work.	During Year.									
	Direct Charges.						Indirect Charges.			
	Works.	Establishment.	Tools and Plant.	Total.	Deduct—Receipts on Capital Account.	Total.	Capitalization.	Leave and Pension Allowances.	Audit and Account charges.	Total.
1	2	3	4	5	6	7	8	9	9a	10
WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
PRODUCTIVE.										
Works in Operation.										
1. Gádikeri Tank	...	...	...	...	...	...	...	...	...	...
2. Máviokop Tank	...	...	...	...	...	...	...	...	...	...
3. Shahada Channel	...	...	...	...	...	...	...	...	...	...
Total, Productive ...	...	...	...	...	...	...	...	...	...	...
UNPRODUCTIVE.										
Works in Operation.										
4. Hathmati and Khári Cut Canal ...	1,499	365	31	1,895	...	1,895	...	51	15	66
5. Wangroli Tank	1,803	440	37	2,285	...	2,285	...	62	18	80
6. Tranza-Nagrama Tank	...	...	...	...	...	...	...	...	...	...
7. Savli Tank	...	...	...	...	...	...	...	...	...	...
8. Sahiat do.	...	...	...	...	...	...	...	...	...	...
9. Futelso do.	...	...	...	...	...	...	...	...	...	...
10. Lower Pánjhra River Works	...	...	...	...	...	...	...	...	...	...
11. Hartala Tank	...	...	...	...	...	...	...	...	...	...
12. Mhaswa do.	...	...	...	...	...	...	...	...	...	...
13. Jámda Canals	2,406	469	83	2,958	...	2,958	...	66	24	90
14. Bhátodi Tank	...	...	...	...	...	...	...	...	...	...
15. Ekruk do.	...	...	...	...	...	...	...	...	...	...
16. Koregaon do.	...	...	...	...	...	...	...	...	...	...
17. Ashti do.	2,189	427	76	2,692	...	2,692	...	60	22	82
18. Pathri do.	...	...	...	...	...	...	...	...	...	...
19. Krishna Canal	...	...	...	...	...	...	...	...	...	...
20. Bhasvad Tank	...	...	...	...	...	...	...	...	...	...
21. Revári Canal	...	...	...	...	...	...	...	...	...	...
22. Upper Mán River Works	...	...	...	...	...	...	...	...	...	...
23. Yerla River Irrigation Works	6,518	1,270	226	8,014	...	8,014	...	178	65	243
24. Chikhli Canal	...	...	...	...	...	...	...	...	...	...
25. Malni Tank	...	...	...	...	...	...	...	...	...	...
26. Muchkundi do.	...	...	...	...	...	...	...	...	...	...
27. Gokák Canal, 1st Section and Storage Works	...	...	...	...	...	...	...	...	...	...
28. Dámbal Tank	...	...	...	...	...	...	...	...	...	...
29. Medleri do.	...	...	...	...	...	...	...	...	...	...
Carried over ...	14,420	2,971	453	17,844	...	17,844	...	417	144	561

I-B.

and Gujarát for, and to end of, 1922-1923.

Grand Total.	To end of Year.										Grand Total.
	Direct Charges.					Indirect Charges.					
	Works.	Establishment.	Tools and Plant.	Total.	Deduct—Receipts on Capital Account.	Total.	Capitalization.	Leave and Pension Allowances.	Audit and Accounts.	Total.	
11	12	13	14	15	16	17	18	19	20	20	21
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.
...	13,195	3,118	140	16,353	...	16,353	13	542	...	555	16,918
...	23,738	6,282	353	30,323	138	30,185	2,101	1,218	..	3,319	33,504
...	29,535	32,161	325	62,031	...	62,031	...	4,503	...	4,503	66,534
...	66,378	41,511	818	1,08,717	138	1,08,579	2,114	6,263	...	8,377	1,16,956
1,961	10,07,178	2,24,687	13,252	12,45,117	1,469	12,43,648	36,598	38,462	21	75,081	13,18,729
2,365	2,13,031	28,361	1,863	2,43,255	743	2,42,512	46,793	3,972	18	50,783	2,93,295
...	2,22,912	14,163	924	2,38,034	2	2,38,032	40,620	1,983	...	42,603	2,80,635
...	2,02,183	30,789	1,974	2,34,426	247	2,34,179	16,793	4,238	...	21,031	2,55,210
...	1,34,805	22,199	1,448	1,58,452	...	1,58,452	22,479	3,197	...	25,677	1,84,029
...	88,822	17,325	1,209	1,07,356	...	1,07,356	6,680	2,425	...	9,105	1,16,461
...	3,67,303	74,888	3,228	4,45,419	37	4,45,382	8,694	14,545	...	23,239	4,68,621
...	33,487	11,936	2,579	47,952	4	47,948	23,052	2,382	...	25,434	73,382
...	1,01,259	26,399	1,129	1,28,787	6	1,28,781	5,025	5,149	...	10,175	1,38,956
3,048	7,88,685	1,93,310	13,212	9,94,157	21	9,94,136	12,015	37,962	24	50,001	10,44,137
...	2,78,838	70,163	9,364	3,58,375	690	3,57,685	13,023	13,999	...	27,022	3,79,707
...	10,07,089	2,12,509	9,713	12,29,311	1,194	12,28,117	69,948	42,321	...	1,12,269	13,40,386
...	30,044	7,061	218	37,323	...	37,323	...	1,266	...	1,266	39,189
2,774	6,11,425	1,46,511	8,198	7,66,134	5,392	7,59,742	52,311	26,790	22	79,123	8,38,865
...	5,21,783	1,00,435	7,403	6,29,621	1,796	6,27,825	960	14,661	...	15,621	6,43,446
...	7,35,136	1,55,373	2,568	8,92,977	...	8,92,977	21,822	29,660	...	51,482	9,44,459
...	15,98,308	3,45,781	62,937	20,07,026	1,473	20,05,553	36,924	53,539	...	90,463	20,96,016
...	47,057	9,693	21	56,771	...	56,771	1,269	1,781	...	3,050	59,811
...	3,14,286	95,008	6,782	4,16,076	241	4,15,835	5,880	17,571	...	23,451	4,39,286
8,257	5,96,174	1,25,456	8,291	7,29,921	2,365	7,27,556	22,684	22,822	65	45,571	7,73,127
...	39,284	13,611	208	53,803	...	53,803	217	2,722	...	3,939	57,742
...	3,43,053	1,16,100	3,512	4,62,665	540	4,62,125	3,875	21,650	...	25,525	4,87,650
...	1,11,830	26,360	2,294	1,40,484	267	1,40,217	14,386	4,104	...	18,490	1,58,707
...	11,00,148	1,81,106	21,236	13,02,490	740	13,01,750	53,279	26,893	...	80,172	13,81,922
...	49,262	10,769	878	60,909	62	60,847	1,034	2,099	...	3,133	63,980
...	61,881	16,324	1,155	78,360	6	78,354	243	2,795	...	3,038	81,392
19,405	1,06,00,993	22,78,322	1,85,586	1,30,59,601	17,295	1,30,42,506	5,17,386	3,93,226	150	9,10,734	1,39,53,240

STATEMENT

Name of Work.	During Year.									
	Direct Charges.						Indirect Charges.			
	Works.	Establishments.	Tools and Plant.	Total.	Deduct—Receipts on Capital Account.	Total.	Capitalization.	Leave and Pension Allowances.	Audit and Accounts.	Total.
1	2	3	4	5	6	7	8	9	9a	9b
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	14,490	2,971	453	17,844	...	17,844	...	417	144	561
WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT—*contd.*										
UNPRODUCTIVE—*contd.*										
Works in Operation—contd.										
30. Madag Tank	...	...	...	...	...	...	...	...	...	...
31. Asundi do.	...	...	...	...	...	...	...	...	...	...
32. Dharma Canal	...	...	...	...	...	...	...	...	...	...
33. Kádva River Works	...	...	...	...	...	...	...	...	...	...
34. Chankápur Tank	5,768	1,488	128	7,379	...	7,379	1,116	208	68	1,392
35. Pravara River Works—Lákh Canal ..	...	...	...	...	...	...	...	...	...	...
36. Godávari Canal	22,296	5,732	498	28,528	...	28,528	1,758	802	223	2,783
37. Pravara River Canal	8,76,421	2,25,316	21,303 (a)—190	11,22,850	2,331	11,20,519	1,797	31,544	8,764	42,105
38. Farsul Tank	...	...	...	...	...	...	...	...	...	...
39. Pravara Left Bank Canal	...	...	...	...	...	...	...	...	...	...
40. Mutha Canal including Mátoba Tank...	...	...	...	..	...	...	...	...	...	...
41. Nira Canal and Shetpal Tank ..	15,768	4,054	352	20,174	3	20,171	...	568	158	726
42. Kásurdi Tank	...	...	...	...	...	...	...	...	...	...
43. Shirsuphal do.	...	...	...	...	...	...	...	...	...	...
44. Bhádalwádi do.	...	...	...	...	...	...	...	...	...	...
Total, Works in Operation ...	9,34,675	2,39,566	22,734 (a)—190	11,96,775	2,334	11,94,441	4,671	33,539	9,347	47,557
Works under Construction.										
45. Malédevi Tank	...	...	...	...	...	...	...	...	...	...
46. Budhihal Tank	492	127	11	630	288	342	...	18	5	23
47. Nira Right Bank Canal	28,16,905	7,24,157	(a)1,56,329 68,251	37,95,702	11,056	37,84,646	388	1,01,386	28,168	1,29,943
48. Gokak Canal Survey	39,761	15,891	1,758	57,350	...	57,350	...	2,216	398	2,614
49. Victoria Tank	20	5	1	26	120	– 94	...	1	...	1
50. Suki River	...	...	...	...	...	...	...	...	...	...
Total, Works under Construction ...	28,57,178	7,40,150	70,051 (a)1,56,329	38,53,708	11,464	38,42,244	388	1,03,621	28,572	1,32,581
Works in Abeyance.										
51. Gokák Canal, II Section ...	...	...	...	...	...	...	...	...	...	...
Total, Unproductive ...	37,91,853	9,79,706	92,785 (a)1,56,139	50,50,483	13,798	50,36,685	5,059	1,37,160	37,919	1,80,138
GRAND TOTAL ...	37,91,853	9,79,706	92,785 (a)1,56,139	50,50,483	13,798	50,36,685	5,059	1,37,160	37,919	1,80,138

(a) Suspense Account.

I-B—*concluded.*

Grand Total.	To end of Year.										
	Direct Charges.						Indirect Charges.				Grand Total.
	Works.	Establishment.	Tools and Plant.	Total.	Deduct—Receipts on Capital Account.	Total.	Capitalisation.	Leave and Pension Allowances.	Audit and Accounts.	Total.	
11	12	13	14	15	16	17	18	19	19a	20	21
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
18,405	1,06,00,893	22,78,332	1,65,586	1,30,59,801	17,295	1,30,42,506	5,17,286	3,98,298	150	9,15,734	1,39,58,240
...	1,26,596	31,241	2,835	1,61,262	14	1,61,248	...	6,350	...	6,350	1,67,598
...	48,805	10,381	1,055	60,741	...	60,741	12,636	1,718	...	14,254	74,995
...	77,768	16,538	1,163	95,509	...	95,509	2	2,321	...	2,323	97,832
...	7,60,525	1,88,301	22,555	9,71,381	140	9,71,741	31,133	31,317	...	62,450	10,34,191
3,761	15,80,899	3,25,680	61,004	19,77,583	2,132	19,75,451	20,010	47,634	369	68,013	20,43,464
...	2,64,529	66,641	19,477	3,52,647	201	3,52,446	5,824	13,621	...	19,445	3,71,891
21,811	81,87,901	13,31,886	2,26,974	97,46,761	2,026	97,44,735	3,11,161	1,86,461	603	4,98,215	1,02,42,950
11,63,624	97,56,674	22,65,478	2,82,127 (a) 4	1,23,04,283	15,712	1,22,88,571	66,531	3,17,167	16,355	4,00,053	1,26,88,624
...	1,62,423	42,332	2,823	2,07,578	71	2,08,007	972	6,016	...	6,988	2,14,995
...	2,34,163	35,770	4,523	3,24,461	144	3,24,317	6,943	16,290	...	23,233	3,47,550
...	50,26,724	10,42,934	1,18,446 (a) – 1,136	62,56,968	12,328	62,44,640	93,628	2,01,785	...	2,95,313	65,39,953
20,897	49,15,576	12,04,541	1,35,750	62,55,867	3,335	62,47,532	1,87,189	1,85,924	190	3,73,303	66,20,835
...	31,438	8,495	884	40,812	...	40,812	3,079	1,699	...	4,778	45,590
...	1,71,148	36,190	2,861	2,12,199	...	2,12,199	5,137	7,232	...	12,369	2,24,568
...	1,57,001	53,493	2,621	2,13,115	...	2,13,115	4,067	10,240	...	14,307	2,27,422
12,41,998	4,21,73,068	89,99,473	10,70,669 (a) – 1,132	5,22,42,068	56,448	5,21,83,620	12,65,888	14,34,078	17,667	27,17,123	5,49,00,743
...	2,42,869	60,546	1,473	3,04,888	2,848	3,02,040	875	9,018	...	9,893	3,11,933
365	4,00,338	90,066	5,085	4,95,489	3,397	4,92,092	5,741	12,609	9	18,359	5,10,451
39,14,589	2,05,59,389	42,26,075	8,84,520 (a)5,73,999	2,56,43,913	37,080	2,56,06,833	60,823	5,91,650	53,378	7,05,846	2,63,12,679
59,964	42,100	16,631	1,931	60,722	...	60,722	...	2,323	422	2,750	63,472
– 23	52,913	11,163	726	64,812	2,069	62,743	2,463	1,565	...	4,028	66,771
...	12,212	2,740	178	15,139	...	15,139	...	385	...	385	15,524
39,74,825	2,13,09,386	44,07,235	8,93,913 (a)5,73,999	2,71,34,963	45,394	2,71,39,569	69,902	6,17,550	53,804	7,41,256	2,78,80,825
...	92,036	70,024	14,246	1,76,306	...	1,76,306	740	13,238	...	13,978	1,90,284
52,16,823	6,35,74,920	1,34,76,732	19,78,828 (a) 5,73,797	7,96,03,337	1,03,842	7,94,99,495	13,36,030	20,64,861	71,471	34,72,362	8,29,71,857
52,16,823	6,36,41,358	1,35,18,243	19,79,656 (a) 5,73,797	7,97,12,054	1,03,980	7,96,08,074	13,38,144	20,71,124	71,471	34,80,739	8,30,88,813

(a) Suspense Account.

F. DE GA,
Assistant Accounts Officer.

STATEMENT

Statement showing the Financial Results of Irrigation Works in

(Ramifications under main heads of

Name of Work.	Revenue (Actual Receipts).									
	Irrigation.			Navigation.	Plantations.	Water-power.	Miscellaneous.	Total.	Refunds of Revenue.	Gross Revenue less refunds.
	Water-rate directly paid.	Share of Land Revenue.	Total.							
1	2	3	4	5	6	7	8	9	10	11
WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
PRODUCTIVE.										
Works in Operation.										
1. Gadikari ...	...	2,355	2,355	...	...	...	...	2,355	...	2,355
2. Mavlekop Tank ..	...	2,022	2,022	...	...	...	...	2,022	...	2,022
3. Shahada Channel ...	3,205	5,561	8,764	...	...	...	152	8,916	...	8,916
Total, Productive ...	3,205	9,938	13,141	...	...	...	152	13,293	...	13,293
UNPRODUCTIVE.										
Works in Operation.										
4. Hathmati and Khári Out Canals ...	34,276	...	34,276	...	38	...	5,798	40,112	...	40,112
5. Wangroli Tank ...	6,360	7,102	13,968	...	...	...	238	14,206	...	14,206
6. Tranza-Nagrama do. ...	101	...	101	...	...	...	1,104	1,205	...	1,205
7. Savli do. ...	10,800	...	10,800	...	...	...	720	11,520	...	11,520
8. Sahiat do. ...	1,788	3,686	5,474	...	...	...	225	5,749	...	5,749
9. Futelao do. ...	131	...	131	...	...	...	196	327	...	327
10. Lower Panjhra River Works	16,427	9,947	26,424	...	...	...	2,060	28,484	...	28,484
11. Hartála Tank ..	179	...	179	...	9	...	566	754	...	754
12. Mhasva do. ...	1,775	...	1,775	...	167	...	644	2,576	...	2,576
13. Jámda Canal ...	7,286	...	7,286	...	3,321	...	774	16,361	- 20	16,361
14. Bhátoli Tank ...	10,430	5,361	15,791	...	650	...	1,770	18,211	17	18,194
15. Ekruk do. ...	49,767	...	49,767	...	207	...	1,19,184	1,69,158	116	1,69,042
16. Koregaon do. ...	1,094	...	1,094	...	...	...	133	1,227	...	1,227
17. Ashti do. ...	16,116	...	16,116	...	1,616	...	11,227	28,958	4	28,954
18. Pathri do. ...	4,080	...	4,080	...	86	...	6,096	10,212	...	10,212
19. Krishna Canal ...	67,963	...	67,963	...	...	...	924	68,887	2,883	66,004
20. Mhaswad do. ...	53,903	...	53,903	...	1,831	...	1,545	62,310	4,832	57,478
21. Hevari do. ...	2,309	...	2,309	...	...	...	207	2,516	...	2,516
22. Upper Mán River Works...	5,578	...	5,578	...	...	...	60	5,637	...	5,637
23. Yerla River Irrigation Works ...	20,173	...	20,173	...	...	...	803	20,976	...	20,976
24. Chikhli Canal ...	1,305	...	1,305	...	...	...	85	1,480	...	1,480
25. Malsi Tank ...	9,956	...	9,956	...	...	...	122	10,078	...	10,078
26. Muchkundi do. ...	...	...	...	...	...	...	107	107	...	107
27. Gokak Canal, First Section, and Storage Works ...	56,125	...	56,125	...	...	14,313	5,596	76,034	32	76,002
28. Dámbal Tank ...	406	916	1,322	...	...	...	1,055	2,377	...	2,377
29. Medleri do. ...	254	...	254	...	...	...	87	271	...	271
30. Madag do. ...	2,912	...	2,912	...	58	...	207	3,177	...	3,177
31. Asundi do. ...	838	687	1,525	...	...	...	58	1,583	...	1,583
32. Dharma Canal ...	1,245	2,974	-1,229	...	...	...	...	-1,229	25	-1,254
33. Kádwa River Works ...	49,176	594	49,770	...	...	...	4,165	53,935	...	53,935
34. Chankápur Tank ...	34,355	...	34,355	...	227	...	690	35,272	6	35,266
35. Pravara River Works, Lákh Canal ...	942	225	1,167	...	151	...	849	1,967	...	1,967
36. Godávari Canal ...	5,11,872	...	5,11,872	23	104	...	26,770	5,38,769	363	5,38,406
37. Pravara do. ...	52,322	...	52,322	...	2,590	...	732	55,644	...	55,644
38. Parsul Tank ...	5,332	...	5,332	...	...	...	72	5,404	...	5,404
39. Pravara Left Bank Canal .	1,10,168	76	1,10,244	...	110	...	834	1,11,188	91	1,11,097
40. Mutha Canal including Mateba Tank ...	2,90,021	52	2,90,073	200	1,423	...	68,256	3,59,955	582	3,59,373
41. Nira Canal and Shetphal Tank ...	7,50,388	...	7,50,388	...	356	...	11,593	7,62,252	5,081	7,57,171
42. Kásurdi Tank ...	60	...	60	...	...	...	1,420	1,480	...	1,480
43. Shirsuphal do. ...	3,530	...	3,530	...	...	...	129	3,659	...	3,659
44. Bhádalwadi do. ...	5,881	...	5,881	...	...	...	4,308	13,189	24	13,165
Total, Works in Operation ...	22,06,210	26,152	22,32,371	223	17,917	14,313	2,81,264	25,46,028	14,036	25,31,992
Works under Construction.										
45. Maladevi Tank ...	...	...	...	...	...	...	...	...	...	...
46. Budhihal do. ...	...	...	...	...	...	...	...	...	...	...
47. Nira Right Bank Canal ...	...	...	...	...	...	...	...	...	...	...
48. Gokak Canal Survey ...	...	...	...	...	...	...	...	...	...	...
49. Victoria Tank ...	...	...	...	...	...	...	...	...	...	...
50. Suki River ...	...	...	...	...	...	...	...	...	...	...
Total, Works under Construction ...	...	...	...	...	...	...	...	...	...	...
Total, Unproductive ...	22,06,210	26,152	22,32,371	223	17,917	14,313	2,81,264	25,46,028	14,036	25,31,992
GRAND TOTAL ...	22,09,422	36,090	22,45,512	223	17,917	14,313	2,81,266	25,59,321	14,036	25,45,285

I-C.

Deccan and Gujarát for the year ending 31st March 1923.

Revenue and Working Expenses).

Revenue Management.				Working Expenses.										
				Maintenance and Repairs.										
Establishment.			Total Revenue Management.	Total Establishment.	Works.	Repairs.	Sundries.	Tools and Plant.	Plantations.	Total Cost of Maintenance.	Indirect Charges.	Grand Total Working Expenses.	Net Revenue.
Establishment.	Navigation.	Civil Officers.												
13	13	14	15	16	17	18	19	20	21	22	23	24	25
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
847	...	236	1,083	124	...	490	...	22	...	642	141	1,866	489
293	...	202	500	43	...	174	...	8	...	225	50	775	1,247
691	...	722	1,413	91	...	364	...	13	...	468	113	1,994	6,922
1,835	...	1,160	2,996	258	...	1,034	...	43	...	1,335	304	4,635	8,658
...	...	1,714	1,714	5,920	376	23,531	...	497	397	30,723	1,072	33,509	6,603
...	...	1,033	1,068	1,480	382	5,679	...	124	17	7,682	268	9,063	5,263
...	...	5	5	545	...	2,237	...	46	...	2,828	98	2,931	-1,726
...	...	540	540	1,114	...	4,512	...	93	61	5,780	205	6,522	4,998
...	...	456	456	1,210	...	4,960	...	102	9	6,281	219	6,956	-1,207
...	...	7	7	340	...	1,396	...	29	...	1,767	62	1,836	-1,509
1,452	...	2,444	3,896	191	...	764	...	27	...	982	238	5,116	23,363
197	...	22	219	144	188	413	...	20	...	745	54	1,018	-259
430	...	89	519	315	437	903	...	44	221	1,920	117	2,256	330
1,187	...	363	1,550	872	-2,068	5,068	...	121	488	4,481	323	6,354	10,027
541	...	1,043	1,584	525	...	2,412	...	87	•89	3,213	188	4,985	13,209
1,503	...	7,952	9,455	1,802	1,064	5,225	...	260	218	9,259	535	19,249	1,40,753
198	...	55	254	234	20	913	...	32	...	1,202	69	1,525	-295
1,078	...	1,057	2,135	1,280	...	5,074	...	178	66	6,602	382	9,119	19,325
867	...	477	1,344	1,035	588	-3,490	...	144	52	5,313	307	6,969	3,243
2,183	...	4,453	6,636	2,798	4,127	6,631	404	388	403	14,753	810	22,229	43,776
7,217	...	3,040	10,257	1,783	72	7,033	...	159	4	9,074	1,321	20,652	36,816
474	...	115	589	697	1,423	942	...	84	63	3,119	175	3,883	-1,367
561	...	279	840	717	33	2,823	...	99	12	3,684	208	4,732	905
1,005	...	1,009	2,014	2,052	1,619	6,022	...	285	567	10,545	594	13,753	7,223
305	...	70	376	390	699	863	...	54	...	2,006	118	2,495	-1,015
783	...	498	1,281	1,001	1,058	2,905	...	139	43	5,146	290	6,717	3,361
437	...	...	437	200	...	830	...	35	...	1,035	97	1,569	-1,462
3,316	...	2,864	6,180	1,328	276	4,676	...	235	359	6,874	703	13,757	62,248
1,188	...	112	1,295	173	...	693	...	31	...	897	197	2,389	-12
543	...	13	556	94	...	377	...	17	...	488	107	1,350	-979
1,142	...	146	1,288	167	...	669	...	29	...	865	190	2,343	334
293	...	111	404	43	...	172	...	8	...	223	49	676	907
949	...	-181	768	46	...	184	...	69	...	298	141	1,208	-2,462
7,420	...	2,464	9,884	3,178	3,604	7,478	...	234	1,632	16,126	1,611	27,621	26,264
7,455	...	1,722	9,177	3,194	2,769	8,702	...	235	1,314	16,254	1,619	27,050	8,216
1,181	...	70	1,251	542	414	1,595	...	48	148	2,747	333	4,271	-2,304
65,829	...	26,395	92,224	30,054	15,574	95,770	-95	2,779	8,871	1,52,953	14,626	2,69,803	2,78,503
12,940	...	2,617	14,657	5,521	498	18,962	...	493	2,624	28,098	2,680	45,435	10,209
971	...	267	638	159	...	633	...	14	73	909	80	1,527	3,577
18,770	...	5,518	24,288	8,607	198	31,751	-5	774	2,480	43,805	4,177	72,270	38,527
49,141	...	12,234	61,475	14,762	1,163	55,101	-4,076	4,071	2,734	73,805	9,536	1,44,816	2,14,557
62,537	...	37,561	1,00,098	19,069	5,020	66,213	...	1,693	4,802	96,749	12,176	2,09,016	5,48,155
348	...	3	351	105	...	384	...	9	35	533	57	951	529
1,017	...	177	1,194	305	...	1,149	...	27	73	1,554	197	2,945	714
1,811	...	445	1,766	394	...	1,429	...	36	147	2,005	255	4,016	9,149
2,55,968	...	1,19,873	3,75,841	1,14,341	29,536	3,90,096	-3,772	13,943	28,863	5,83,007	56,426	10,14,774	15,17,213
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
2,55,968	...	1,19,873	3,75,841	1,14,341	29,536	3,90,096	-3,772	13,943	28,863	5,83,007	56,426	10,14,774	15,17,218
2,57,304	...	1,20,533	3,78,337	1,14,599	29,536	3,91,130	-3,772	13,986	28,863	5,84,342	56,730	10,19,409	15,25,876

F. DE GA,
Assistant Accounts Officer.

STATEMENT

Statement showing the Financial Results of Irrigation Works in the

Number of Works.	Name of Works.	Mileage in operation.		General Financial Results to end.					
		Main canals and branches.	Distributaries.	Estimated cost of construction (direct and indirect).	Date of completion of work (P, W, Code II, 1918).	Date when system first came into operation.	Total Capital outlay (direct and indirect).	Accumulated arrears of interest.	Accumulated surplus revenue.
1	2	3	4	5	5a	6	7	8	9
		Miles.	Miles.	Rs.	Date.	Date.	Rs.	Rs.	Rs.
	WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT.								
	PRODUCTIVE.								
	Works in Operation.								
1	Gadikeri Tank	.....	1·50	10,918	1881-83 ...	1882-83 ...	10,918	.....	47,636
2	Mavinkop Tank	.....	3·79	33,504	1881-83 ...	1882-83 ...	33,504	4,167	...
3	Shahada Channel	19·00	0·57	66,934	1921-22 ...	1922-23 ...	66,934	.....	4,333
	Total, Works in operation ...	19·00	4·86	1,15,956	.....	.....	1,15,956	4,167	52,353
	UNPRODUCTIVE.								
	Works in Operation.								
4	Hathmati and Khiri Cut Canals	60·00	52·50	13,19,729	1852-54 ...	1873-74 ...	13,19,729	10,76,923	...
5	Wangroli Tank	17·25	.....	3,53,256	1903-09 ...	1904-05 ...	3,92,393	1,62,177	...
6	Tranza Nagrima Tanks	7·00	.....	2,80,635	1900-10 ...	1904-05 ...	2,80,635	1,56,472	...
7	Shivli Tank	2·30	1·32	3,85,210	1909-10 ...	1909-09 ...	3,85,210	1,84,221	...
8	Sahiat do.	2·25	1·79	1,84,052	1911-12 ...	1910-11 ...	1,84,052	1,63,182	...
9	Patoku do.	2·00	.....	1,16,461	1915-17 ...	1915-16 ...	1,16,461	41,716	...
10	Lower Panjra River Works	.....	45·00	4,68,521	1894-95 ...	1851-52 ...	4,68,521	4,97,583	...
11	Hartala Tank	.....	5·50	73,382	1836-37 ...	1873-73 ...	73,382	70,786	...
12	Mhaswa do.	.....	7·00	1,38,950	1898-97 ...	1877-78 ...	1,38,964	2,37,505	...
13	Jamda Canals	39·00	76·00	10,41,039	1901-02 ...	1870-71 ...	10,44,137	23,15,826	...
14	Shahodi Tank	4·02	6·00	3,79,707	1881-82 ...	1871-72 ...	3,79,707	6,91,511	...
15	Ekrak Tank	48·00	1·63	13,40,365	1899-01 ...	1874-75 ...	13,40,365	11,63,037	...
16	Kargaon Tank	2·74	.....	30,189	1881-82 ...	1883-85 ...	30,189	61,999	...
17	Ashti do.	27·50	3·15	3,41,630	1892-93 ...	1881-82 ...	3,33,365	10,55,966	...
18	Pathri do.	4·66	3·33	6,42,540	1906-07 ...	1900-07 ...	6,42,540	3,79,835	...
19	Krishna Canal	63·97	.....	9,46,789	1881-82 ...	1880-70 ...	9,44,189	8,38,674	...
20	Mhaswad Tank	66·25	45·35	20,96,016	1900-01 ...	1883-85 ...	20,96,016	25,10,819	...
21	Beorai Canal	10·23	.....	19,811	1892-93 ...	1895-96 ...	20,241	33,523	...
22	Upper Man River Works	17·50	0·50	4,39,286	1892-93 ...	1873-73 ...	4,39,286	7,45,674	...
23	Tosla River Irrigation Works ...	33·33	4·00	7,79,197	1903-06 ...	1908-70 ...	7,79,197	10,79,976	...
24	Chikhli Canal	9·00	.....	57,425	1882-83 ...	1876-71 ...	57,443	1,02,252	...
25	Malni Tank	9·25	7·63	4,87,050	1891-92 ...	1875-76 ...	••4,87,650	9,77,976	...
26	Hinchinguli Tank	9·50	9·25	1,84,707	1880-81 ...	1884-85 ...	1,85,707	3,13,574	...
27	Gokak Canal, First Section and Storage Works	16·13	38·43	18,81,923	1896-97 ...	1881-85 ...	18,81,923	4,57,917	...
28	Damlati Tank	.....	3·27	63,650	1888-89 ...	1880-81 ...	63,650	77,731	...
29	Modleri do.	.....	5·64	61,332	1887-88 ...	1884-85 ...	61,332	1,39,958	...
30	Madar do.	2·00	.....	1,07,598	1888-89 ...	1885-87 ...	1,07,598	2,35,145	...
31	Asundi do.	.....	4·86	74,925	1889-90 ...	1884-85 ...	74,926	1,08,104	...
32	Dharma Canal	27·18	3·71	97,832	1913-14 ...	1913-14 ...	97,832	34,779	...
33	Nadwa River Works	24·13	13·93	10,34,191	1902-03 ...	1903-03 ...	10,34,191	13,02,509	...
34	Chenkapur Tank	18·01	20·30	20,43,790	1909-10 ...	1909-10 ...	20,43,464	10,05,355	...
35	Pravara River Works—Lakh Canal...	33·00	0·37	8,71,891	1893-94 ...	1893-70 ...	8,71,891	6,93,749	...
36	Godavari Canal	152·00	67·50	1,01,28,378	1915-15 ...	1911-13 ...	1,02,42,890	22,04,366	...
37	Pravara River Canal	33·00	13·00	1,40,42,466	Not completed.	1909-10 ...	1,26,85,234	20,83,131	...
38	Parsori Tank	.....	4·75	2,18,945	1884-85 ...	1889-90 ...	2,14,995	2,40,613	...
39	Pravara Left Bank Canal	39·13	61·25	5,47,550	1892-93 ...	1875-75 ...	5,47,550	6,32,807	...
40	Mutha Canal, including Mutha Tank	89·00	85·00	66,40,966	1896-97 ...	1874-76 ...	66,39,963	39,47,783	...
41	Nira Canal, and Shetphal Tank ...	106·79	130·00	66,90,651	1923-99 ...	1885-86 ...	66,30,885	10,63,434	...
42	Kasurdi Tank	.....	1·72	46,492	1877-78 ...	1909-10 ...	45,990	1,10,401	...
43	Shirsuphal Tank	.....	12·50	2,24,563	1893-94 ...	1875-80 ...	2,24,563	3,23,540	...
44	Shadalwadi Tank	.....	9·75	2,27,422	1890-91 ...	1881-82 ...	2,27,422	2,92,133	...
	Total, Works in operation ...	973·23	735·96	5,61,06,239	.....	.....	5,49,00,743	3,10,03,309	...
	Works under construction.								
45	Mâlodevi Tank	.....	.....	5,14,574	Not completed.		3,11,929	2,62,376	...
46	Budbihal Tank	.....	.....	14,64,630	Under construction.	Under construction.	5,10,461	3,09,537	...
47	Nira Right Bank Canal	.....	.....	2,55,00,304			2,04,12,579	51,87,725	...
48	Gokâk Canal, Survey	.....	.....	31,500	Not completed.		63,472	1,809	...
49	Victoria Tank	.....	.....	4,61,008			66,771	31,370	...
50	Suki River	.....	.....	.....			15,535	5,933	...
	Total, Works under Construction ...	.....	.....	2,80,71,621	.....	.....	2,28,80,855	57,88,229	...
	Works in Abeyance.								
	Gokâk Canal, II Section	.....	.....	1,01,995	Work in Abeyance.	... ...	1,00,284	3,09,349	...
	Total, Unproductive ...	973·23	735·96	8,44,80,372	.....	.....	8,29,71,837	3,70,91,036	...
	GRAND TOTAL ...	991·23	800·32	8,45,76,831	.....	.....	8,30,28,813	3,70,96,183	52,353

II-C.

Deccan and Gujarát for, and up to the end of, 1922-1923.

of 1922-1923.	Financial Results of the year 1922-1923.									
Total sum-at-charge (column 7 + column 8).	Gross receipts (direct and indirect).	Working expenses (direct and indirect).	Net revenue.	Percentage on Capital outlay, column 7.	Percentage on sum-at-charge, column 10.	Interest at 3·2352 per cent. on direct Capital outlay to end of 1915-17 and at 5·48 per cent. on subsequent outlay.	Net profit.	Net loss.	Area irrigated.	Percentage of working expenses to receipts (column 11 to column 10).
10	11	12	13	14	15	16	17	18	19	20
Rs.	Rs.	Rs.	Rs.	Per cent.	Per cent.	Rs.	Rs.	Rs.	Acres.	Per cent.
10,918	2,325	1,863	459	2·69	2·69	544	...	55	.....	79·23
37,671	3,023	775	1,247	2·73	3·31	1,004	243	.....	661	25·53
66,334	5,819	1,824	3,973	10·40	10·49	3,036	4,636	.....	1,258	31·36
1,31,123	13,293	4,636	8,659	7·40	7·14	3,634	5,024	.....	1,919	34·87
23,95,654	40,112	33,509	6,603	0·50	0·28	41,389	...	34,786	9,983	83·54
4,75,432	14,556	9,003	5,553	1·79	1·10	8,078	...	2,525	2,942	63·15
4,74,108	1,205	2,931	-1,726	.....	.....	7,915	...	9,641	.....	24·32
4,44,501	11,520	6,622	4,898	1·96	1·10	7,787	...	2,789	1,833	66·61
2,42,211	5,749	3,966	1,777	.....	.....	4,509	...	2,732	1,783	129·99
1,05,727	527	1,935	-1,407	.....	.....	3,679	...	5,079	113	363·47
9,05,973	23,434	5,116	23,993	4·99	2·42	14,810	9,655	.....	4,007	17·96
1,44,177	254	1,013	-759	.....	.....	1,894	...	1,653	73	134·36
3,70,463	3,576	2,256	320	0·23	0·09	4,283	...	3,961	148	97·38
23,49,963	16,581	6,354	10,227	0·95	0·39	23,040	...	23,033	1,838	28·79
10,44,216	18,184	4,985	13,200	2·48	1·76	11,727	1,473	.....	925	27·42
25,10,428	1,89,013	19,240	1,49,773	11·13	0·96	40,857	1,08,916	.....	1,024	11·39
1,20,298	1,527	1,522	-295	.....	.....	1,591	...	1,886	106	135·94
19,91,403	28,954	9,119	19,836	2·36	1·05	25,146	...	5,413	3,360	31·48
10,12,828	19,313	6,969	5,743	0·59	0·32	30,976	...	17,633	48	62·34
18,12,538	69,404	22,233	47,776	4·31	2·29	29,694	14,081	.....	6,515	31·37
46,06,652	67,415	20,963	46,916	1·75	0·89	66,666	...	29,872	8,994	32·96
2,83,384	5,510	9,833	-1,367	.....	.....	1,938	...	3,305	597	178·53
11,62,960	6,697	4,773	903	0·21	0·08	13,257	...	12,292	2,245	83·09
18,46,006	20,976	12,753	7,723	0·63	0·36	24,146	...	16,923	3,804	60·78
2,62,947	1,489	2,495	-1,006	.....	.....	1,738	...	2,744	540	167·58
11,05,226	10,078	5,717	5,361	0·60	0·29	15,361	...	13,006	2,236	56·75
2,72,681	107	1,569	-1,462	.....	.....	4,005	...	6,135	11	1466·35
10,49,730	76,009	19,757	62,245	4·60	2·19	42,286	19,959	.....	8,711	18·19
1,41,701	2,277	2,389	-112	.....	.....	2,033	...	2,035	277	100·97
2,21,351	271	1,250	-979	.....	.....	2,805	...	4,533	100	461·26
5,09,741	2,177	2,343	-166	0·49	0·16	3,352	...	4,518	207	73·75
1,76,199	1,683	676	907	1·21	0·50	3,020	...	1,113	297	43·75
1,04,611	-1,254	1,208	-2,462	.....	.....	3,260	...	5,823	6,005	.....
22,31,700	53,535	27,672	25,864	2·84	1·17	32,212	...	6,048	7,979	51·69
21,27,320	38,926	27,050	8,316	0·40	0·25	68,281	...	60,165	5,854	76·70
13,61,640	1,907	4,271	-2,363	.....	.....	11,729	...	14,924	624	217·13
1,27,47,315	5,50,403	2,20,872	3,75,633	2·73	2·18	2,28,071	...	49,468	50,037	48·16
1,61,71,705	55,844	45,435	10,209	0·09	0·06	5,01,709	...	4,91,500	18,051	81·42
4,56,638	5,404	1,627	3,977	1·69	0·85	6,017	...	2,040	153	29·26
6,93,317	1,11,007	72,570	38,437	11·17	5·53	10,784	28,043	.....	31,923	63·93
1,24,87,718	3,69,373	1,44,816	2,14,557	3·28	2·04	2,07,954	7,303	.....	25,002	40·20
79,83,319	7,67,171	2,09,015	5,58,156	8·22	7·13	2,10,443	3,37,713	.....	76,054	27·30
1,69,091	1,469	951	519	1·16	0·34	1,507	...	988	97	64·76
5,47,928	3,989	2,945	714	0·32	0·13	7,055	...	6,341	1,234	89·49
6,19,560	13,103	4,015	9,149	4·05	1·76	7,097	2,052	.....	1,516	30·61
8,20,26,957	25,81,993	10,14,774	15,17,219	2·76	1·76	16,37,992	...	1,20,976	2,84,074	40·08
5,74,204	.....	.....	.....	.....	.....	10,043	...	10,043	.....	.....
8,10,988	.....	.....	.....	.....	.....	16,377	...	16,377	.....	.....
9,20,95,632	.....	.....	.....	.....	.....	11,01,022	...	11,01,022	.....	.....
65,331	.....	.....	.....	.....	.....	1,756	...	1,756	.....	.....
1,02,141	.....	.....	.....	.....	.....	2,265	...	2,265	.....	.....
21,467	.....	.....	.....	.....	.....	503	...	503	.....	.....
9,26,70,083	.....	.....	.....	.....	.....	11,31,966	...	11,31,966	.....	.....
4,92,533	.....	.....	.....	.....	.....	5,983	...	5,983	.....	.....
13,00,95,543	25,81,993	10,14,774	15,17,219	1·23	1·16	29,75,421	...	14,83,203	2,84,074	40·08
13,01,87,626	25,46,285	10,10,409	15,35,876	1·24	1·27	29,79,055	...	14,83,179	2,83,293	40·05

F. DE GA,
Assitant Accounts Officer.

STATEMENT III-C.

Demands and Realizations during the year 1922-1923 in Deccan and Gujarát.

	Irrigation Works.	Balance of demands unrealized on commencement of year (b).	Demands of the year (c). Rabi, 1921-1922.	Kharif, 1922-1923.	Miscellaneous Receipts.	Total.	Total including balance at commencement of year.	Deduct—Remissions not including Cash Refunds.	Net Total.	Deduct—Account unrealized at close of year.	Actual Realizations of the year. (d).
	1	2	3	4	5	6	7	8	9	10	11
	WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	PRODUCTIVE.										
	WORKS IN OPERATION.										
1	Gadikeri Tank	...	...	...	...	...	...	.....	...	...	...
2	Mávinkop do.	...	...	...	...	...	...	.....	...	...	...
3	Shahada Channel ...	227	2,912	389	152	3,453	3,680	.....	3,680	325	3,355
	Total, Productive ...	227	2,912	389	152	3,453	3,680	.....	3,680	325	3,355
	UNPRODUCTIVE. WORKS IN OPERATION.										
4	Háthmati and Khári Cut Canal	1,02,794	14,822	24,044	6,893	44,762	1,47,496	12	1,47,484	1,07,372	40,112
5	Wangroli Tank	1,240	3,730	2,907	298	6,935	8,175	35	8,140	986	7,154
6	Tranza-Nagrana Tank ...	72	74	...	1,104	1,178	1,250	.....	1,250	45	1,205
7	Sávli Tank	6,127	2,289	3,511	720	6,920	13,047	77	13,010	1,490	11,520
8	Sahiat do.	548	1,476	771	295	2,542	3,090	1	3,089	1,006	2,083
9	Futelao do	8	177	...	196	373	381	.....	381	54	327
10	Lower Panjhra River Works.	3,291	(d)3,774	(d)9,593	2,060	15,427	18,818	.....	18,818	281	18,537
11	Hartála Tank	...	95	84	575	754	754	.....	754	...	754
12	Mhaswa do.	50	1,927	98	801	2,826	2,876	.....	2,876	...	2,876
13	Jámda Canal	2,157	4,611	3,732	9,096	16,838	18,995	.....	18,995	2,624	16,361
14	Bhátodi Tank	4,343	3,727	2,410	2,420	8,557	12,900	.....	12,900	50	12,850
15	Ekrúk do.	40,741	16,178	83,176	1,23,697	1,72,946	2,13,787	82	2,12,705	43,647	1,69,158
16	Koregaon do.	...	1,094	...	133	1,227	1,227	.....	1,227	...	1,227
17	Ashti do.	- 98	16,281	...	12,943	29,124	29,026	.....	29,026	68	28,958
18	Pátdri do.	520	4,012	...	5,682	9,674	10,200	.....	10,200	- 12	10,212
19	Krishna Canal	27,174	19,537	48,714	224	68,475	91,449	11	91,438	28,551	62,887
20	Mhaswad Tank	5,606	42,274	33,577	5,407	78,258	86,324	15	86,309	23,999	62,310
21	Bevári Canal	25	1,742	542	207	2,491	2,516	.....	2,516	...	2,516
22	Upper Man River Works ...	195	4,341	542	59	5,442	5,637	.....	5,637	...	5,637
23	Yerla River Irrigation Works.	4	17,596	2,573	803	20,972	20,976	.....	20,976	...	20,976
24	Chikhli Canal	101	394	918	85	1,397	1,498	.....	1,498	18	1,480
25	Maini Tank	376	7,187	2,393	122	9,702	10,078	.....	10,078	...	10,078
26	Muchkundi Tank	...	...	358	107	465	465	.....	465	358	107
27	Gokak Canal, First Section, and Storage Works ...	16,009	13,306	27,669	20,687	66,662	82,271	... ..	82,271	7,237	76,034
28	Dambal Tank	...	406	159	1,055	1,620	1,620	.....	1,620	159	1,461
29	Medleri do.	97	...	693	37	730	827	.....	827	556	271
30	Madag do.	1,038	1,214	2,175	263	3,654	5,292	.....	5,292	2,115	3,177
31	Asundi do.	671	285	414	68	767	1,322	.....	1,322	426	896
32	Dharma Canal	4,861	...	2,526	...	2,526	7,387	33	7,354	6,109	1,245
33	Kádwa River Works ...	4,092	23,285	42,192	4,178	69,655	73,681	.....	73,681	29,340	52,341
34	Chankápur Tank	2,177	15,563	20,950	921	37,439	39,616	.....	39,616	4,344	35,272
35	Pravara River Works—Lakh Canal	—3	496	605	800	1,901	1,898	.....	1,898	156	1,742
36	Godávari Canal	1,44,926	1,44,906	4,15,468	28,087	5,88,459	7,32,485	559	7,31,926	1,93,157	5,38,769
37	Pravara Canal	11,544	49,094	48,830	3,938	96,262	1,07,806	.....	1,07,806	52,162	55,644
38	Parmi Tank	981	4,046	223	72	4,340	5,321	15	5,306	2	5,304
39	Pravara Left Bank Canal ...	48,311	52,799	1,19,215	1,061	1,73,054	2,21,375	70	2,21,305	1,10,693	1,11,112
40	Mutha Canal including Mátoba Tank	88,199	26,686	2,19,459	70,415	3,16,560	4,04,759	1,001	4,03,758	43,855	3,59,903
41	Nira Canal and Shetphal Tank	56,995	1,23,388	5,82,319	11,546	7,17,733	7,73,728	222	7,73,506	11,254	7,62,252
42	Kásurdi Tank	...	...	60	1,430	1,490	1,490	.....	1,490	...	1,490
43	Shirsuphal do.	...	529	3,001	129	3,659	3,659	.....	3,659	...	3,659
44	Bhádalvádi do.	2,997	3,165	4,174	4,308	11,647	14,644	24	14,620	1,431	13,189
	Total, Unproductive works in operation ...	5,80,718	6,31,315	16,49,672	3,15,786	25,96,773	31,80,486	2,157	31,78,329	6,58,453	25,19,876
	Grand Total ...	5,80,940	6,34,227	16,50,061	3,93	26,03,226	31,84,166	2,157	31,82,009	6,58,778	25,23,231

(a) Excluding Irrigation share of Land Revenue.
(b). Correct balances as now reported by District Officers in Canal Returns Nos. VI and VII.
(c) Excluding "Refunds of Revenue" and "Indirect Revenue".
(d) Inclusive of assessment as shown in Canal Return No. IX.

F. DE GA,
Assistant Accounts Officer.

STATEMENT IV-C.

Statement showing the Financial Results of Irrigation Works in Deccan and Gujarát for the year ended 1922-1923, based on the assessment of the year.

Principal Results and Operations for the year ended 31st March 1923.

	Irrigation Works	Capital outlay (direct and indirect) to end of year.	Revenue assessed during the year.								Working Expenses, direct and indirect.	Net assessed Revenue of the year.	Per-centage on Capital outlay to end of year.
			Direct assessed Revenue.						Indirect Revenue (Land Revenue due to operation of Canal).	Grand Total.			
			Occupier's rate.	Owner's rate.	Plantations.	Water-power.	Navigation.	Miscellaneous.	Total.					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	PRODUCTIVE.													
	WORKS IN OPERATION.													
1	Gadkori Tank	16,618	...	...	...	...	...	...	...	2,356	2,356	1,956	400	2·39
2	Márinkop do.	33,504	...	...	...	...	...	...	...	2,022	2,022	775	1,247	3·72
3	Shahada Channel	66,254	5,116	...	...	...	...	152	5,268	2,201	10,939	1,804	9,135	13·23
	Total, Productive ...	1,19,956	5,116	...	...	...	...	152	5,268	9,989	16,290	4,639	10,771	9·04
	UNPRODUCTIVE. WORKS IN OPERATION.													
4	Hathmati and Khári Cut Canal ...	13,18,720	38,943	...	36	...	...	5,706	42,784	.....	42,784	33,509	9,275	0·70
5	Wangroli Tank	2,93,226	3,432	...	...	...	...	228	3,660	7,102	10,932	9,003	1,929	0·66
6	Tranza-Nagrana Tank	2,80,636	...	...	...	...	...	1,104	1,104	.....	1,104	2,931	—1,827	(a)
7	Sivli Tank	2,58,210	4,771	...	...	...	...	720	5,491	.....	5,491	6,622	—1,131	(a)
8	Sahiat do.	1,94,022	2,493	...	...	...	...	295	2,788	3,696	6,484	6,959	—503	(a)
9	Patelao do.	1,61,481	331	...	...	...	...	196	527	.....	527	1,886	—1,359	(a)
10	Lower Pánjhra River Works ...	4,66,021	13,056	...	...	...	...	2,060	15,116	9,947	25,063	5,116	19,947	4·28
11	Hartála Tank	73,823	178	...	9	...	...	566	753	.....	753	1,013	—260	(a)
12	Mhaswa do.	1,28,936	263	...	137	...	...	644	1,064	.....	1,064	2,256	—1,192	(a)
13	Jámda Canal	10,44,137	5,489	...	3,321	...	...	776	14,576	.....	14,576	6,354	8,224	0·79
14	Bhátodi Tank	3,73,707	8,075	...	650	...	...	1,776	7,435	5,861	13,296	4,985	7,671	2·07
15	Ekruk Tank	19,40,336	33,176	...	207	...	...	1,23,490	1,55,873	.....	1,55,873	19,240	1,36,634	10·19
16	Korgaon do.	39,146	619	...	...	...	...	723	853	.....	853	1,632	—779	(a)
17	Ashti do.	8,38,255	16,256	...	1,616	...	...	11,227	29,199	.....	29,199	8,119	21,080	3·39
18	Pathri do.	6,42,945	96	...	36	...	...	5,596	5,731	.....	5,731	6,969	—1,238	(a)
19	Krishna Canal	2,84,459	54,976	...	...	...	...	324	55,902	.....	55,902	23,229	32,673	7·67
20	Mhasvad do.	20,96,010	59,553	...	1,861	...	...	1,556	62,969	.....	62,969	20,662	42,306	2·02
21	Sonári do.	39,611	2,268	...	...	...	...	307	2,576	.....	2,576	2,853	—277	(a)
22	Upper Mán River Works ...	4,39,236	3,304	...	...	...	...	69	3,373	.....	3,373	4,732	—1,359	(a)
23	Yerla River Irrigation Works ...	7,72,197	11,172	...	...	...	...	203	11,375	.....	11,375	13,148	—1,773	(a)
24	Chikli Canal	57,442	1,014	...	...	...	...	85	1,099	.....	1,099	1,595	—496	(a)
25	Mainl Tank	4,57,050	5,332	...	...	...	...	123	5,455	.....	5,455	6,717	1,262	0·40
26	Nandurdi Tank	1,52,707	338	...	...	...	...	107	445	.....	445	1,649	—1,204	(a)
27	Gokák Canal, First Section, and Storage Works	13,81,822	43,689	...	...	14,813	...	6,374	63,876	.....	63,876	19,767	40,119	2·83
28	Dambal Tank	83,960	236	...	...	...	...	1,085	1,320	916	2,236	3,359	—123	(a)
29	Mediari do.	81,393	761	...	...	...	...	87	758	.....	758	1,260	—502	(a)
30	Mádag do.	1,67,596	3,469	...	58	...	...	207	3,734	.....	3,734	2,343	1,391	0·83
31	Asundi do.	96,905	613	...	...	...	...	68	681	637	1,318	1,257	61	0·91
32	Dharna Canal	97,453	2,527	...	...	...	...	...	2,527	—2,474	53	1,208	—1,155	(a)
33	Ajáwa River Works	10,34,151	60,580	...	...	...	...	4,176	64,756	594	65,350	27,671	37,679	3·64
34	Chanápur Tank	20,45,464	45,048	...	237	...	...	694	45,979	.....	45,979	16,239	29,740	7·79
35	Pravara River Works—Lákh Canal.	3,71,681	1,25,2	...	151	...	...	646	2,022	225	2,277	4,271	—1,994	(a)
36	Godávari Canals	2,03,42,550	5,92,627	...	104	...	23	27,260	6,20,714	.....	6,20,714	3,29,503	3,80,911	8·23
37	Pravara Canal	1,26,58,624	91,325	...	2,480	...	...	748	94,553	.....	94,553	45,425	49,128	0·88
38	Parsul Tank	3,14,264	694	...	...	...	...	72	766	.....	766	1,617	—851	(a)
39	Pravara Left Bank Canal	3,47,659	1,90,021	...	110	...	...	941	2,00,052	76	2,00,128	72,270	1,27,858	35·79
40	Mutha Canal including Mátoba Tank	65,30,059	2,73,871	...	1,436	...	200	68,720	3,46,226	62	3,46,288	1,44,516	2,01,772	3·08
41	Nira Canal and Shetphal Tank ...	69,20,585	6,76,243	...	516	...	...	11,190	6,88,789	.....	6,88,789	2,09,016	4,77,773	7·23
42	Kasardi Tank	45,590	107	...	...	...	...	1,420	1,527	.....	1,527	951	576	1·25
43	Shirnuphal do.	2,24,568	5,464	...	...	...	...	129	5,593	.....	5,593	2,945	2,648	1·17
44	Bhadalvádi do.	2,37,422	6,822	...	...	...	...	4,308	10,830	.....	10,830	4,016	6,814	3·00
	Total, Unproductive ...	5,49,00,748	23,65,184	...	17,917	14,813	223	2,65,333	23,83,260	28,152	26,10,102	10,14,774	15,95,328	2·91
	Grand Total ...	5,50,17,704	23,70,230	...	17,917	14,813	223	2,65,485	23,88,218	38,090	26,26,392	10,19,403	16,05,899	2·90

(a) No percentage is calculated, as the net revenue against the work is a minus figure.

F. DE GA,
Assistant Accounts Officer.

STATEMENT

Statement of Area irrigated by Irrigation Works in the

No.	Name of Work.	Area irrigated in Acres.					Double-cropped.		Average Discharges, Cubic Feet per Second.			
									At Head.		Utilized.	
		Kharif.	Rabi.	Total.	Flow.	Lift.	Area irrigated.	Percentage of Total Area.	Kharif.	Rabi.	Kharif.	Rabi.
1	2	3	4	5	6	7	8	9	10	11	12	13
	Works for which Capital and Revenue Accounts are kept.											
	Productive.											
1	Gadikeri Tank *	...	...	...	...	...	...	...	...	...	...	...
2	Mávinkop Tank	661†	...	661†	661	*...	...	...	0·25	...	0·25	...
3	Shahada Channel { Patasthal / Jirayit.	48† / 147	927† / 1,111	975† / 1,258	} 2,233	...	...	...	Discharges not taken.			
	Total, Productive ...	{ 709† / 147	927† / 1,111	1,636† / 1,258	} 2,894	...	...	...	...	...	...	...
	Unproductive.											
4	Háthmati and Khári Cut Canals.	{ 820 / 91† / 3,797 / 282†	} 3,049 / 2,219	3,869 / 6,016	3,822 / 5,876	47 / 140	... / ...	... / ...	141 / 60	80 / 42	57 / 60	71 / 42
5	Wangroli Tank	{ 723 / 45†	} 288	1,041	1,033	8	...	...	20·61	5·69	20·61	5·69
6	Tranza-Nagramma Tanks ...	...	...	...	...	...	...	...	...	...	...	...
7	Savli Tank	{ 896 / 18†	} 593	1,489	1,489	...	...	...	33·10	15·03	33·10	15·03
8	Salat do.	{ 235 / 50†	} 497	732	732	...	...	...	13·91	27·33	13·91	27·33
9	Futelao do.	{ 30 / 301†	} 83	113	113	...	...	...	...	10·90	...	10·90
10	Lower Pánjhra { Patasthal / River Works. { Jirayat.	1,531† / 174	96† / 616	1,627† / 790	} 2,417	...	30	1·24	0·45	5·24	0·45	6·24
11	Hartála Tank	41	31	72	72	...	...	...	0·016	0·119	0·016	0·119
12	Mhasva do.	98	50	148	148	...	...	...	0·27	0·86	0·27	0·86
13	Jámda Canals	1,308	520	1,828	1,828	...	...	...	33·66	41·09	33·66	41·09
14	Bhátodi Tank	269	486	755	738	17	95	12·59	1·65	1·76	1·65	1·76
15	Ekruk do.	1,524	...	1,524	1,468	56	...	...	20·08	6·82	15·74	2·78
16	Koregaon do.	...	106	106	99	7	...	...	...	0·49	...	0·49
17	Ashti do.	...	3,390	3,390	3,381	9	...	...	...	9·25	...	9·25
18	Pathri do.	...	48	48	...	48	...	...	...	...	...	...
19	Krishna Canal	5,066	1,453	6,518	5,767	751	259	4	44·14	55·86	44·14	55·86
20	Mhasvad Tank	{ (3,395) / 3,921	(5,029) / 5,073†	8,994	8,994	...	...	...	84	45	34	45
21	Bovári Canal	146	394	540	539	1	60	11	2·77	3·49	2·48	3·49
22	Upper Mán River Works ...	260	608	868	865	3	175	20	0·76	5·17	0·76	5·17
23	Yerla River Irrigation Works.	1,026	1,756	2,842	2,837	5	310	11	4·31	8·41	4·31	8·41
24	Chikhli Canal	409	131	540	526	14	...	...	Not recorded.			
25	Maini Tank	1,111	1,425	2,536	2,485	51	...	...	2·00	3·97	2·00	3·97
26	Muchkundi do. §	71	387	458	458	...	...	...	...	...	...	...
27	Gokák Canal, 1st Section and storage works.	5,743	2,968	8,711	8,358	353	...	...	32·12	49·63	32·12	49·63
28	Dambal Tank	{ 110 / 144†	} 24	{ 134 / 144†	} 133 / 144	} 1	...	...	2·28	0·49	2·28	0·49
29	Medleri do. *	88	12	100	99	1	...	...	2·80	4·23	2·80	4·23
30	Madag do.	510	197	707	707	...	...	...	7·30	9·12	7·30	9·12
31	Asandi do.	77	{ 30 / 190†	107 / 190†	102 / 190	} 5	...	...	3·47	6·04	3·47	6·04
	Total ...	{ 28,543 / 1,675†	26,433 / 288†	54,976 / 1,961†	} 55,420	1,527	929	1·63	...	...	...	...
	Total, Productive, carried over ...	147 / 709†	1,111 / 927†	1,258 / 1,636†	2,894	...	...	...	...	...	...	...
	Total Unproductive, carried over ...	28,543 / 1,675†	26,433 / 288†	54,976 / 1,961†	} 55,420	1,527	929	1·63	...	...	...	...

I.-E.

Bombay Presidency, excluding Sind, during the year 1922-1923.

Area irrigated per Cubic Foot per Second.				Basis to which the Duties of Water are calculated.		Remarks.
Discharged at Head.		Utilized.				
Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	
14	15	16	17	18	19	20
...	...	...	...	15th Jan. to 15th October.	15th October to 15th January .	Note. by the Superintending Engineer, C. D.—As perennial and eight months' crops are irrigated during the rabi season, in order to obtain the figures of duty for the rabi season in columns 15 and 17, the area of perennial and eight months' crops given in statement G irrigated in the rabi season are added to areas of rabi in column 4 and the total so obtained is divided by figures of rabi discharges in columns 11 and 13. The figures in columns 15 and 17 thus represent areas actually irrigated per cusec.
2,644·00	...	2,644·00	...			
...	...	...	...	15th June to 14th October...	15th October to 14th February.	
...	...	...	...			
5·66	33·11	14·01	42·94	15th June to 14th October.	15th October to 14th February	
58·58	52·83	58·58	52·83			
34·35	50·61	34·35	50·61			
...	...	...	...			
26·53	39·45	26·53	39·45	Do. ...	Do.	* All the lands under Gadikeri tank are assessed at consolidated rates. As the rain during the year was good and timely the cultivators did not feel the necessity of tank water, so there was no irrigation.
13·30	13·19	13·30	13·19			
...	7·61	...	7·61			† Area under consolidated assessment.
3788	114	3788	114	Do. ...	Do.	‡ This represents Hot weather cultivation.
2562	269	2562	269			
363	60	363	60	15th Febry. to 14th October.	Do.	
39	14	39	14			
145	276	145	276	15th June to 15th October....	16th October to 15th February.	
76	78	97	191	15th Febry. to 14th October .	15th October to 14th February.	
...	216	...	216	Do. ...	Do.	
...	366	...	366	Do. ...	Do.	
...	...	...	...			
137	69	137	69	16th Febry. to 15th October...	16th October to 15th February.	
115	113	115	113	15th Febry. to 14th October .	15th October to 14th February.	
57	114	63	114	16th Febry. to 15th October...	16th October to 15th February	
368	137	368	137	Do. ...	Do.	
255	306	255	306	Do. ...	Do.	
...	...	...	...	Do. ...	Do.	
579	388	579	388	Do. ...	Do.	
...	...	...	...			§ Water from the Muchkundi tank was issued free for non-perennial irrigation.
174·31	90·39	174·31	90·39	15th Febry. to 14th October...	15th October to 14th February.	
111·00	53·00	111·00	53·00			
31·00	10·00	31·00	10·00			
70·00	24·00	70·00	24·00	16th January to 15th October.	16th October to 15th January.	
22·00	42·00	22·00	42·00			
...	...	...	...			
...	...	...	...			
...	...	...	...			
...	...	...	...			

STATEMENT

No.	Name of work.	Area irrigated in Acres.							Average Discharges, Cubic Feet per Second.			
		Kharif.	Rabi.	Total.	Flow.	Lift.	Double-cropped.		At Head.		Utilized.	
							Area irrigated.	Percentage of Total area.	Kharif.	Rabi.	Kharif.	Rabi.
1	2	3	4	5	6	7	8	9	10	11	12	13
	Total, Productive, brought forward ...	147 709†	1,111 927†	1,258 1,636†	2,894 ...	...	...	...	...	...	...	...
	Total, Unproductive, brought forward ...	38,543 1,575†	26,438 286†	54,976 1,861†	55,420	1,527	929	...	...	...	...	...
	Works for which Capital and Revenue Accounts are Kept.											
	Unproductive—consld.											
32	Dharma Canal	482 5,126†	... ...	482 5,126†	482 5,126	...	...	...	54·69	13·34	54·69	13·34
33	Kádwa River-Works. Wághad Tank	... ...	... ...	... ...	... ...	...	...	...	...	...	...	...
	Pálkhed Canal	(2,811) 3,372	(3,022) 1,236	4,208	4,144	64	74	1·76	60	48	60	48
	Ojhar-Támbat Canal.	(1,343) 1,509	(1,336) 507	2,016	2,014	2	31	1·54	11	12	11	12
	Wadáli Canal...	(950) 1,078	(1,140) 579	1,655	1,655	...	8	...	10	7	10	7
34	Girna Left Bank Canal ...	(3,165) 3,785	(4,833) 3,868	7,648	7,610	38	1,719	22·48	41	62	41	62
35	Pravara River Works—Lákh Canal.	(367) 367	(332) 327	694	616	78	220	31·73	5	4	5	4
36	Lake Beale Dams Dam ...	223	179	402	...	402	...	...	...	...	...	...
	Godavari Right Bank Canal	(1,943) 12,333	(19,923) 17,868	30,201	30,182	19	1,868	6·18	173	242	173	242
	Godavari Left Bank Canal ...	(6,968) 7,216	(14,333) 12,807	20,023	19,982	31	545	2·72	99	124	99	124
37	Pravara River Works—Pravara Right Bank Canal.	(6,168) 9,226	(7,003) 8,885	18,061	18,059	2	609	3·37	51	46	51	46
38	Parsul Tank ...	(228) 151	(232) 102	253	253	...	...	...	3	3	3	3
39	Pravara River Works—Pravara Left Bank Canal.	(17,436) 18,583	(12,886) 13,338	31,923	31,923	...	992	1·23	113	116	113	116
40	Mutha Canals and Máteba Tank.	(14,937) 19,176 (2,491) 3,437	(7,826) 1,216 (2,992) 2,575	20,393 6,010	20,146 6,010	247 ...	163 ...	0·80 ...	212 17	116 11	... (*f*) 17	... (*f*) 11
41	Nira Canal and Shetphal Tank.	(38,989) 40,791 (3,992) 3,710	(38,836) 29,036 (2,844) 1,427	69,827 5,137	69,524 5,136	303 1	1,040 25	1·49 0·49	311 (*d*) 19	269 13	282 (*d*) 19	259 13
42	Kásurdi Tank(*h*) ...	56	41	97	97	...	...	...	...	...(*i*)	...	...
43	Shirsuphal do.(*h*) ...	(629) 725	(648) 609	1,334	1,334	...	25	1·87	4	5	4	5
44	Bhádalvádi do.(*h*) ...	(624) 977	(556) 539	1,516	1,516	...	56	3·69	6	7	6	7
	Total, Unproductive ...	155,245 6,801†	121,671 286†	276,916 23* 7,087†	281,229	2,774	7,704	2·71	...	...	...	...
	Grand Total, Productive and Unproductive.	155,392 7,510†	122,782 1,213†	278,174 23* 8,728†	284,123	2,774	7,704	2·68	...	...	...	...

I-E—*concluded.*

Area irrigated per Cubic Foot per Second.				Base to which the Duties of Water are calculated.		Remarks.
Discharged at Head.		Utilized.				
Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	
14	15	16	17	18	19	20
...	...	...	...			NOTE.—The bold figures in brackets represent areas actually irrigated during the respective seasons and the duties have been calculated on these figures. They differ from those in statement IVE owing to the fact that certain areas irrigated during the Rabi seasons are assessed in Kharif papers and *vice versa*. In the Rabi season in addition to pure Rabi crops perennial and eight months crops are irrigated. To obtain correct duties therefore these crops have to be added to the Rabi area.
...	...	...	...			
109·00	...	103·00	...	16th January to 15th October.	16th October to 15th January.	(a) The low duties on the Pravara Canals are due to the fact that irrigation is yet under development.
...	...	...	...			
47 (e)	69 (e)	47 (e)	63 (e)			(b) The low duties are due to the fact that the proportion of sugar cane and other perennial crops to the seasonal crops is great.
123 (e)	111 (e)	122 (e)	111 (e)	15th June to 14th October...	15th October to 14th February.	(c) The low duties are due to scattered nature of irrigation.
95 (e)	163	95 (e)	163			(d) The difference between the discharge as "Head" and "Utilized" is due to canal water having been let into Shetphal Tank and run to waste through scouring sluices.
77 (e)	79 (e)	77 (e)	79 (e)			(d') The high duties on Shetphal tank and on Matoba tank are due partly to (1) concentration of irrigation on a small channel and consequently small losses in absorption and mainly (2) due to the fact that although the channel does not flow for days together owing to rainfall and other causes, the total discharge during a season is distributed on all the days of the season which reduces the average discharge and thus gives higher duties.
73 (e)	95 (e)	73 (e)	95 (e)	Do. ...	Do.	(f) Figures of utilized discharge are not available as the quantity let into Matoba Tank was not measured. Besides water was supplied for drinking purposes to the city and cantonment of Poona.
...	...	...	...			
69 (b)	82 (b)	69 (b)	82 (b)	15th February to 14th October.	Do.	(e) The duties shewn against the Kadwa river works and Lakh canal are fictitious figures as perennial and hot weather crops are mostly irrigated on well water during hot weather season and low duties are also partly due to scattered nature of irrigation.
70 (b)	116 (b)	70 (b)	116 (b)			
121 (a)	152	121 (a)	152	Do. ...	Do.	(g) The low duties are due to high proportion of sugar cane and other Perennial crops which require a larger quantity of water and also to the fact that a large quantity of water is supplied for drinking purposes.
76	77	76	77	15th June to 14th October ...	Do.	(h) The discharge from these tanks in the hot weather season being uncertain as well as very small has not been accounted for. The duties are calculated on an eight months basis. Even during the monsoon and rabi seasons there is no discharge from these tanks for days together and the actual number of days on which the channels were in flow have been taken for purpose of duties.
154	111 (c)	154	111 (c)	15th February to 14th October.	Do.	(i) This tank received very meagre replenishment during the monsoon. Only one watering could be taped.
78 (g)	67 (g)	...	...	15th February to 14th October.	Do.	* An area of 23 acres is indirectly irrigated by underground percolation from the Mutha Right Bank Canal.
147	273 (d')	147	273 (d')	15th June to 14th October...		† Area under consolidated assessment.
125	145	138	150	15th February to 14 October.	Do.	
210 (d')	168	210 (d')	168			
...	...	...	...	15th June to 14th October...	Do.	
157	130	157	130			
104	79	104	79			
...	...	...	...			
...	...	...	...			

STATEMENT

Statement showing incidence of Working Expenses and Assessed Water Revenue

No.	Name of Work.	Average Discharge of the year at Canal Head in Cubic feet per Second.	Water-rate Assessed.					Gross assessed Revenue from all sources.	Working Expenses, Direct and Indirect.
			Occupier's.	Owner's.	Total Direct.	Indirect.	Total, Direct and Indirect.		
			Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	Works for which Capital and Revenue Accounts are kept.								
	Productive.								
1	Gadikeri Tank*	.....	...	...	...	2,355	2,355	2,355	1,866
2	Mávinkop do.	0·28	...	...	...	2,022	2,022	2,022	775
3	Shahada Channel	not taken	5,116	...	5,116	5,561	10,677	10,839	1,994
	Total, Productive ...	.....	5,116	..	5,116	9,938	15,054	15,216	4,635
	Unproductive.								
4	Háthmati Canal and	79	36,948	...	36,948	...	36,948	42,764	33,509
	Khári Cut Canal	39							
5	Wangroli Tank	44·25	3,532	...	3,532	7,102	10,634	10,932	9,003
6	Tranza-Nagramma Tanks ...	.....	...	...	...	...	...	1,104	2,081
7	Savli Tank	50·72	4,771	...	4,771	...	4,771	5,401	6,522
8	Sahiat do.	71·09	2,493	...	2,493	3,666	6,159	6,454	6,956
9	Fulekao do.	15·68	331	...	331	...	331	527	1,836
10	Lower Páṭhra River Works ...	4·48	13,056	...	13,056	9,947	23,003	25,068	5,116
11	Haridás Tank	0·051	178	...	178	...	178	753	1,013
12	Mhasva do.	0·47	263	...	263	...	263	1,054	3,266
13	Jámda Canal	36·16	5,483	...	5,483	...	5,483	14,678	6,354
14	Bhátoli Tank...	2·89	5,075	...	5,075	5,361	10,436	12,856	4,985
15	Ekrúk do.	15·61	33,176	...	33,176	...	33,176	1,55,573	19,249
16	Koregaon do.	0·16	519	...	519	...	519	652	1,522
17	Ashti do.	3·09	16,356	...	16,356	...	16,356	29,199	9,119
18	Páthri do.	.....	99	...	99	...	99	5,751	6,969
19	Krishna Canal	51·88	54,978	...	54,978	...	54,978	55,902	25,229
20	Mhasvad Tank	38·00	59,553	...	59,553	...	59,553	62,960	20,662
21	Revári Canal	3·07	2,363	..	2,363	...	2,363	2,670	5,838
22	Upper Man River Works ...	2·69	3,304	...	3,304	...	3,304	3,263	4,732
23	Yerla River Irrigation Works	6·73	11,172	...	11,172	...	11,172	11,975	15,763
24	Chikhli Canal	.....	1,914	...	1,914	...	1,914	1,999	3,495
25	Maini Tank	3·15	8,532	...	8,532	..	8,532	8,654	6,717
26	Muchhuddi do.	.....	368	...	368	...	368	465	1,569
27	Gokák Canal, 1st Section and storage works	38·02	42,589	...	42,589	...	42,589	68,276	13,767
28	Dámbal Tank	1·83	235	..	235	916	1,151	2,206	2,389
29	Medleri do.	3·16	761	...	761	...	761	798	1,250
30	Madag do.	7·76	3,459	...	3,459	...	3,459	3,721	3,343
31	Asundi do.	4·12	612	...	612	687	1,299	1,357	676
32	Dharma Canal	44·27	2,527	...	2,527	-2,474	53	53	1,208
33	Wághad Tank ... . Kádwa River Works. Pálkhed Canal ... 42·00 Ojhar-T & n b a k Canal ... 12·00 Wadáli Canal ... 7·00		60,586	...	60,586	594	61,180	65,358	27,671
34	Girna Left Bank Canal ...	47	42,045	...	42,045	...	42,045	42,966	27,050
35	Pravara River Works—Lakh Canal	5	1,262	...	1,262	225	1,477	2,277	4,271
36	Lake Beale—Darna Dam ... . Godávari Right Bank Canal ... 198 Do. Left Bank Canal ... 198		5,92,627	...	5,92,627	...	5,92,627	6,20,714	2,59,803
37	Pravara River Works—Pravara Right Bank Canal	49	91,225	..	91,225	...	91,225	94,563	45,435
38	Parsul Tank‖	3	694	...	694	...	694 * 766	1,637	
39	Pravara River Works—Pravara Left Bank Canal	116	1,99,001	...	1,99,001	76	1,99,077	2,00,128	72,270
40	Mutha Canal and	179 } 190 +11	2,75,871	...	2,75,871	52	2,75,923	3,46,338	1,44,316
41	Nira Canal and	297 } 316 +19	6,75,243	...	6,75,243	...	6,75,243	6,86,789	2,09,016
	Shirgáphal Tank	.....	107	...	107	...	107	1,637	951
42	Kásurdi do.‖	3	5,454	...	5,454	...	5,454	5,583	2,945
43	Shirsuphal do.‖	4	6,522	...	6,522	...	6,522	10,330	4,016
44	Bhádalvádi do.‖								
	Total, Unproductive ...	.....	22,65,164	...	22,65,164	26,152	22,91,316	26,10,102	10,14,774
	Grand Total ...	.....	22,70,280	...	22,70,280	36,090	23,06,370	26,25,308	10,19,409

II-E.

on Canals in the Bombay Presidency, excluding Sind, during the year 1922-1923.

Area irrigated during the year.	Working Expenses.			Occupier's Rate.		Total Water-rate, Direct and Indirect.		Remarks.
	Per cent. on Gross Revenue.	Per Acre irrigated.	Per Cubic foot per Second of Discharge at Canal Head.	Per Acre irrigated.	Per Cubic foot per Second of Discharge at Canal Head.	Per Acre irrigated.	Per Cubic foot per Second of Discharge at Canal Head.	
Acres.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
...	79·24	...	.....	...	.....	...	...	
661†	38·33	1·17	2,767·86	...	.....	3·06	7,221·43	*All the lands under Gadkeri tank are assessed at consolidated rates. As the rain during the year was good and timely the cultivators did not feel the necessity of tank water. Consequently there was no irrigation. †Area under consolidated assessment.
1,258	18·41	0·89	.....	2·29	.....	4·78	.....	
575†								
1,258	30·48	1·60	.....	1·77	.....	5·20	.....	
1,686†								
2,885	78·32	3·39	288·27	3·74	313·12	3·74	313·12	
1,041	82·35	3·65	203·46	3·39	79·82	10·22	240·32	
...	265·49	...	.....	...	.....	...	.....	
1,459	119·78	4·38	126·60	3·20	94·07	3·20	94·07	
732	107·78	9·50	97·87	3·40	35·06	8·41	86·64	
113	343·39	16·25	117·09	2·93	21·11	2·93	21·11	
790	20·41	2·12	1,154·85	5·40	2,947·18	9·52	5,192·55	
1,337†								
72	134·53	14·07	19,862·74	2·47	3,490·19	2·47	3,490·19	
148	212·03	15·24	4,800·00	1·78	559·57	1·78	559·57	
1,828	45·69	3·43	176·72	2·99	151·63	2·99	151·63	
735	38·78	8·90	2,769·44	6·72	2,819·44	13·23	5,797·78	
1,524	12·95	12·63	1,233·12	21·77	2,125·30	21·77	2,125·30	
106	233·43	14·66	9,512·5	4·89	3,343·75	4·89	3,343·75	
3,300	31·23	2·69	2,951·13	4·32	5,293·20	4·32	5,293·20	
48	121·69	14·19	.....	2·06	.....	2·06	.....	
6,518	39·76	3·41	432·64	3·43	1,070·03	3·43	1,070·03	
8,994	32·81	2·30	543·73	6·62	1,567·19	6·62	1,567·19	
540	151·09	7·19	1,284·82	4·38	769·71	4·38	769·71	
868	148·03	5·45	1,759·11	3·69	1,191·08	3·69	1,191·08	
2,842	114·84	4·84	2,043·54	3·93	1,650·03	3·93	1,650·03	
540	124·81	4·61	.....	3·54	.....	3·54	.....	
2,538*	77·61	2·65	2,132·38	3·36	2,708·57	3·36	2,708·57	
488	337·43	3·43	.....	0·78	.....	0·78	.....	
8,711	21·74	1·58	361·84	4·89	1,120·17	4·89	1,120·17	
134	108·30	3·69	1,305·46	0·34	123·41	4·14	623·96	†Water from the Muchkundi tank was issued free for non-perennial irrigation.
144†								
100	156·64	12·50	395·57	7·61	240·32	7·61	240·32	
707	62·92	3·31	301·93	4·89	445·7	4·89	445·75	
107	49·32	2·28	164·08	2·06	743·54	4·37	315·29	
190†								
482								
5,126†	2,272·25	0·22	27·29	0·45	570·8	0·01	1·18	
...								
4,208								
2,016	42·83	3·51	453·62	7·69	993·21§	7·76	1,002·25§	§The high rates are due to high proportion of sugarcane, which is a high rated crop on the Godavari, Pravara, Nira and Mutha Canals and the Kadva river works. ‖These tanks are actually worked only during the monsoon and rabi seasons hence the discharge given is for eight months and not for 12 months. The discharge from these tanks in the hot weather season being uncertain is not accounted for. ¶This represents area indirectly irrigated by underground percolation.
1,695								
7,648	63·96	3·53	575·53	5·50	894·57	5·50	894·57	
694	187·57	6·15	854·2	1·80	250·4	2·13	295·4	
402								
30,201	41·66	5·13	849·03	11·70	1,936·69‖	11·70	1,936·69‖	
20,028								
18,061	48·04	2·42	927·24	5·05	1,861·73‖	5·05	1,861·73‖	
253	199·35	6·03	509·0	2·74	231·33	2·74	231·33	
31,923	36·11	2·25	623·02	6·23	1,715·52‖	6·24	1,716·18‖	
25,403	41·61	5·48	762·19	10·44	1,451·95‖	10·44	1,452·23	
28¶								
75,024	30·43	2·79	661·44	9·00	2,136·84‖	9·00	2,136·84‖	
27	62·28	2·89	.....	1·10	.....	1·10	.....	
1,334	52·75	2·21	261·66	4·09	1,818·00‖	4·08	1,818·00‖	
1,516	37·03	2·65	1,004·00	4·30	1,630·50	4·30	1,630·50	
2,76,944	38·83	3·57	.....	7·98	.....	8·07	.....	
7,087†								
2,78,202	38·83	3·55	.....	7·91	.....	8·04	...	
3,793†								

STATEMENT

Statement of Quantity and Value of Crops Irrigated in the Bombay

	(1) Gadikeri Tank.		(2) Mávinkop Tank.		(3) Shahada Channel.		(4) Hathmati and Khari Cut Canals.	
	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
Gardens and Orchards. — Vegetables	...	...	...	...	...	...	7	420
Gardens and Orchards. — Fruits and other trees	...	...	...	...	58	15,150	...	...
Sugarcane	...	...	...	...	...	...	27	540
Cereals — Wheat	...	...	...	...	1,087	32,070	1,316	27,636
Cereals — Barley	...	...	...	...	...	...	33	4,150
Cereals — Rice	...	...	...	...	...	...	3,723	1,86,150
Cereals — Maize	...	...	...	...	4	4	10	40
Cereals — Jowár	...	...	...	...	4	65	676	27,040
Cereals — Chino, Rági, Rála, Wara	...	...	...	...	1	10	13	220
Cereals — Bájri	...	...	...	...	...	...	...	...
Cereals — Miscellaneous	...	...	...	...	...	...	1,130	4,520
Pulses — Gram, Udid, Mug	...	...	...	...	1	10	2,794	83,820
Pulses — Tur	...	...	...	...	3	64	...	...
Pulses — Peas	...	...	...	...	...	...	...	...
Pulses — Ground-nut	...	...	...	...	6	150	...	...
Pulses — Miscellaneous	...	...	...	...	...	...	...	...
Fodder Crops — Fodder	...	...	...	...	1	10	...	...
Fodder Crops — Lucerne, etc.	...	...	...	...	...	...	...	...
Fibres — Cotton	...	...	...	...	6	1,122	57	2,850
Fibres — Tág (Hemp)	...	...	...	...	...	...	...	...
Dyes	...	...	...	...	...	...	...	...
Drugs and Narcotics. — Tobacco	...	...	...	...	...	...	...	...
Drugs and Narcotics. — Bháng	...	...	...	...	...	...	...	...
Oil-seeds — Mustard, Sesam	...	...	...	...	8	85	...	...
Oil-seeds — Linseed, Castor-oil	...	...	...	...	...	...	...	...
Condiments — Chilly and Onions	...	...	...	...	..	...	1	50
Condiments — Garlic, Turmeric and Methi	...	...	...	...	99	3,507	...	...
Miscellaneous	...	...	...	...	...	...	48*	...
Land insufficiently irrigated	...	...	...	...	...	...	...	...
Areas sanctioned and assessed but not planted and also areas assessed for water taken out of turn and other penalties.	...	...	...	...	...	...	...	...
Total	...	...	...	...	1,258	52,247	9,885	3,37,436
Area on which consolidated assessment is levied	...	...	661	33,250	975	76,252	...	...

Note.—The lands under the Gadikeri Tank are assessed at consolidated rates. As there was good and timely rain the cultivators did not

* Water was given for

III-E.

Presidency, excluding Sind, during the year 1922-1923.

(5) Wa'ngroli Tank.		(6) Tra'ssa-Na-gra'mma Tanks.		(7) Savli Tank.		(8) Sahiat Tank.		(9) Futelao Tank.		(10) Lower Panjhra River Works.		(11) Hartala tank.	
Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
3	225	..	...	...	...	3	225	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	20	1,674	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
60	3,000	...	...	327	16,350	145	7,250	43	3,440	371	11,921	29	729
...	...	...	...	...	...	...	...	...	...	...	...	...	...
704	35,200	...	...	779	38,950	183	9,150	...	...	1	30	...	...
...	...	...	...	6	120	1	20	30	750	...	...	...	...
...	...	...	...	...	...	3	75	...	...	3	152	40	606
...	...	...	...	7	210	...	...	...	...	...	...	...	...
...	...	...	...	3	105	..	...	...	...	16	500	...	...
3	150	...	...	5	250	...	...	...	...	...	...	1	...
219	6,570	...	...	260	7,800	322	9,660	40	2,000	16	270	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	218	4,080	...	...
...	...	...	...	10	500	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	140	...	...	13	260	34	680	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	..	...	...	...
2	100	...	...	...	..	15	750	...	...	21	1,350	...	...
...	...	...	...	...	...	...	...	..	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	300	..	...	...	...	1	150	...	...	...	...	1	70
...	...	..	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	144	4,750	...	...
...	...	...	...	1	50	...	...	...	...	...	...	...	...
25	1,250	...	...	...	...	4	200	...	...	9	173	1	175
13	355	...	...	...	...	...	...	...	...	...	...	...	...
3*	...	...	...	78*	...	21*	...	...	...	1	1	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
1,041	47,230	...	...	1,489	64,595	732	28,160	113	6,190	790	24,901	72	1,580
...	...	...	...	...	...	...	...	...	...	1,627	2,30,927	...	...

use tank water and so there was no irrigation.
ploughing purposes.

STATEMENT

	(12) Mhasva Tank.		(13) Já'mda Canals.		(14) Bha'todi Tank.	
	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
Gardens and Orchards. — Vegetables	...	...	200	24,074	...	...
Gardens and Orchards. — Fruits and other trees	...	...	...	...	...	...
Sugarcane	...	...	55	10,817	1	450
Cereals — Wheat	143	1,919	419	13,351	31	933
Cereals — Barley	...	...	...	...	...	...
Cereals — Rice	...	...	16	364	1	62
Cereals — Maize	...	...	4	100	...	...
Cereals — Jowár	...	...	606	17,762	419	10,474
Cereals — Chino, Rági, Rála, Wara	...	...	...	...	1	8
Cereals — Bájri	...	...	33	894	47	1,174
Cereals — Miscellaneous	...	...	1	50	...	...
Pulses — Gram, Udid, Mug	3	18	61	2,478	46	1,001
Pulses — Tur	...	...	...	...	...	...
Pulses — Peas	...	...	3	33	...	...
Pulses — Ground-nut	...	...	180	5,539	139	7,622
Pulses — Miscellaneous	...	...	...	...	...	...
Fodder Crops. — Fodder	...	...	...	...	2	105
Fodder Crops. — Lucerne, etc.	...	...	...	...	2	84
Fibres — Cotton	...	...	176	9,983	...	...
Fibres — Tág (Hemp)	...	...	...	...	...	...
Dyes	...	...	17	478	...	...
Drugs and Narcotics. — Tobacco	...	...	6	226	2	138
Drugs and Narcotics. — Bháng	...	...	...	...	32	6,425
Oil-seeds — Mustard, Sesam	...	...	...	...	...	...
Oil-seeds — Linseed, Castor-oil	...	...	...	...	...	...
Condiments — Chilly and Onions	2	6	35	3,213	22	867
Condiments — Garlic, Turmeric and Methi.	...	...	3	81	...	...
Miscellaneous	...	...	13	...	10	4,180
Land insufficiently irrigated	...	...	...	...	...	...
Areas sanctioned and assessed but not planted and also areas assessed for water taken out of turn and other penalties	...	...	...	...	...	...
Total	148	1,943	1,828	89,438	755	33,523
Area on which consolidated assessment is levied	...	...	...	...	...	...

III-E—*continued.*

(15) Kerur Tank.		(16) Koregaon Tank.		(17) Achti Tank.		(18) Pa'thri Tank.		(19) Krishna Canal.		(20) Mhaswad Tank.	
Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
30	9,000	...	...	...	...	...	...	6	2,220	8	773
44	12,000	...	...	9	1,750	...	...	...	...	69	6,238
638	6,38,000	...	...	4	1,033	...	...	1,038	8,71,920	86	22,394
2	250	8	202	343	44,090	9	215	503	25,652	277	15,313
...	...	...	...	...	...	...	...	...	...	24	661
139	27,700	...	...	...	...	...	..	367	20,552	162	10,088
16	1,500	...	...	...	...	...	...	153	2,448	260	9,866
...	...	76	2,670	2,971	2,65,822	22	774	1,999	81,959	2,956	2,27,917
...	...	...	...	...	...	...	...	...	...	13	447
...	...	...	...	...	...	...	...	1	24	420	20,691
...	...	...	...	...	...	...	...	151	7,148	...	...
5	400	4	72	54	2,235	6	90	184	4,909	318	19,716
...	...	...	...	...	...	...	...	...	...	8	332
...	...	...	...	...	...	...	...	...	...	13	832
233	34,800	12	566	2	15	...	...	795	63,600	2,454	2,80,224
21	2,100	...	...	...	...	8	390	3	150	...	...
253	25,300	...	...	...	...	...	...	80	2,524	153	4,185
2	100	...	...	...	...	...	...	...	...	...	...
15	500	...	...	3	505	...	...	48	2,400	109	13,998
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	2	90	30	6,000	5	184
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
2	100	...	...	...	...	...	...	...	...	11	564
22	11,000	1	20	4	660	...	...	188	24,440	77	5,947
9	9,500	5	220	...	...	1	70	850	3,40,000	39	1,157
46	800	...	...	...	...	...	...	122	797	...	...
47	...	...	...	...	...	...	...	...	..	...	...
...	...	...	...	...	...	...	...	...	...	1,532	...
1,524	7,73,050	106	3,750	3,390	3,17,015	48	1,629	6,518	14,56,738	8,994	6,41,587
...	...	...	...	...	...	...	...	...	...	...	...

STATEMENT

	(21) Ruvári Canal.		(22) Upper Mán River Works.		Yerla River Irrigation Works.		(24) Chinnut Canal.	
	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
Gardens and Orchards. — Vegetables	...	...	...	...	...	...	1	370
Gardens and Orchards. — Fruits and other trees	18	3,000	3	525	29 / 11	9,550 / 11,000	...	...
Sugarcane	13	3,000	18	6,300	3	1,260	22	19,360
Cereals — Wheat	192	14,325	83	5,317	205	13,325	14	910
Cereals — Barley	...	...	10	400	2	100	...	...
Cereals — Rice	39	2,975	5	480	25	2,400	5	280
Cereals — Maize	...	..	1	52	12	768	10	500
Cereals — Jowár	149	11,600	376	36,096	1,083	36,540	192	13,824
Cereals — Chino, Rági, Rála, Wara...	1	50	3	120	8	384	...	...
Cereals — Bájri	...	...	174	6,264	194	7,760	10	800
Cereals — Miscellaneous	...	...	18	1,078	38	8,340	4	250
Pulses — Gram, Udid, Mug...	28	1,900	96	3,442	429	17,210	93	5,208
Pulses — Tur	...	...	...	...	...	..	...	...
Pulses — Peas	...	...	...	...	...	...	...	...
Pulses — Ground-nut	64	7,240	62	7,812	712	1,13,920	89	14,240
Pulses — Miscellaneous	6	1,175	...	...	...	...	...	...
Fodder Crops. — Fodder	...	...	...	...	...	...	...	...
Fodder Crops. — Lucerne, etc.	...	...	...	...	...	...	...	...
Fibres — Cotton	...	...	...	...	...	..	...	...
Fibres — Tág (Hemp)	...	...	...	...	...	...	...	...
Dyes	...	...	...	...	...	...	...	...
Drugs and Narcotics. — Tobacco	1	100	...	...	9	2,160	1	200
Drugs and Narcotics. — Bhánga	...	...	...	...	...	...	...	...
Oil-seeds — Mustard, Sesam	...	..	...	...	...	...	...	...
Oil-seeds — Linseed, Castor-oil	...	...	...	...	1	80	...	...
Condiments — Chilly and Onions	17	1,175	11	1,128	68	11,080	70	1,400
Condiments — Garlic, Turmeric and Methi.	12	3,200	1	600	...	...	15	13,500
Miscellaneous	...	...	7	140	13	650	14	59
Land insufficiently irrigated...	...	...	...	...	...	...	...	...
Areas sanctioned and assessed but not planted and also areas assessed for water taken out of turn and other penalties	...	...	...	...	...	...	...	...
Total	540	43,740	868	69,754	2,842	2,86,627	540	70,901
Area on which consolidated assessment is levied	...	...	...	...	...	...	...	...

III-E—*continued.*

(25) Maini Tank.		(26) Muchkundi Tank.		(27) Gokak Canal, 1st Section, and Storage Works.		(28) Dambal Tank.		(29) Medleri Tank.		(30) Madag Tank.	
Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
...	...	...	...	42	2,121	29	1,560	2	100	24	2,265
18	5,400	71	2,400	22	2,756	3	90	31	14,710	...	...
48	17,280	...	...	253	31,635	...	...	...	...	76	10,494
62	4,030	...	...	..	...	3	150	...	...	...	...
...	...	...	...	384	7,675	...	...	...	...	...	...
3	240	...	...	158	6,306	...	...	55	4,125	486	42,740
6	384	...	...	2,263	67,884	...	...	...	...	...	...
1,050	58,800	...	...	1,235	37,064	78	2,445	8	522	...	...
5	240	...	...	576	8,643	8	281	...	...	...	...
420	13,440	...	...	107	2,132	...	...	...	...	...	...
20	4,000	...	...	...	...	...	...	...	...	...	...
312	10,000	...	...	443	6,642	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
534	64,080	...	...	447	13,410	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	565	23,732	...	...	...	...	...	...
...	...	...	...	694	10,412	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
10	1,800	...	...	...	...	...	...	1	25	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	11	275	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
12	2,000	...	...	877	43,839	2	56	2	137	...	...
1	375	...	...	20	3,995	...	...	1	160	121	11,154
35	1,750	387	6,205	625	93,784	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
2,586	1,83,819	458	8,605	8,711	3,62,030	134	4,857	100	19,779	707	66,653
...	...	...	...	...	...	144	5,760	...	...	...	...

STATEMENT

	(31) Agundi Tank.		(32) Dharma Canal.		(33) Kálva River Works.			
					Pálkhed Canal.		Ojhár-Témbat Canal.	
	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
Gardens and Orchards. — Vegetables	23	2,002	...	...	51	4,036	28	2,554
Gardens and Orchards. — Fruits and other trees	...	...	...	...	20	2,311	1	280
Sugarcane	24	6,594	...	...	287	1,06,586	275	82,757
Cereals — Wheat	...	...	...	...	335	42,011	311	11,159
Cereals — Barley	...	...	...	...	...	...	...	...
Cereals — Rice	8	400	482	38,560	51	4,986	...	...
Cereals — Maize	...	...	...	...	2	84	1	20
Cereals — Jowár	...	...	...	...	5	403	13	681
Cereals — Chino, Rági, Rála, Wara	...	...	...	...	...	...	...	...
Cereals — Bájri	...	...	...	...	952	55,768	533	21,494
Cereals — Miscellaneous	...	...	...	...	...	...	...	...
Pulses — Gram, Udid, Mug	...	...	...	...	338	8,266	195	3,260
Pulses — Tur	...	...	...	...	...	...	...	...
Pulses — Pens	...	...	...	...	2	140	1	47
Pulses — Ground-nut	2	400	...	...	906	90,565	292	23,279
Pulses — Miscellaneous	...	...	...	...	...	...	...	...
Fodder Crops — Fodder	...	...	...	...	4	90	1	20
Fodder Crops — Lucerne, etc.	...	...	...	...	43	4,429	34	2,467
Fibres — Cotton	...	...	...	...	...	...	...	...
Fibres — Tág (Hemp)	...	...	...	..	45	1,851	17	663
Dyes	...	...	...	...	...	...	...	...
Drugs and Narcotics — Tobacco	...	...	..	...	2	143	8	600
Drugs and Narcotics — Bháng	...	...	...	...	...	...	...	...
Oil-seeds — Mustard, Sesam	...	...	...	...	1	33	...	...
Oil-seeds — Linseed, Castor-oil	...	...	...	..	...	...	...	...
Condiments — Chilly and Onions	31	2,053	...	...	460	99,224	174	30,303
Condiments — Garlic, Turmeric and Methi	19	2,824	...	...	40	5,010	10	416
Miscellaneous	...	...	...	...	...	...	...	...
Land insufficiently irrigated	...	...	...	...	...	...	...	...
Areas sanctioned and assessed but not planted and also areas assessed for water taken out of turn and other penalties	...	...	...	...	164	...	122	...
Total	107	13,773	482	38,560	4,208	4,25,936	2,013	1,80,005
Area on which consolidated assessment is levied	190	9,466	5,126	2,30,670	...	...	...	...

III-E—*continued.*

(33) Ka'dva River Works—concluded.				(34) Chenka'por Tank.		(35) Pravara River Works—Ila'kh Canal.		(36A) Goda'vari Right Bank Canal.		(36B) Goda'vari Left Bank Canal.	
Wadáli Canal.		Wághad Tank.									
Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
17	859	...	...	31	2,456	7	191	36	1,306	25	1,110
16	1,135	...	...	8	2,293	31	25,809	126	18,101	26	9,814
120	36,517	...	...	345	70,701	18	15,862	5,544	23,32,105	4,005	38,88,037
382	20,993	...	...	1,753	1,52,116	169	3,386	7,192	2,82,434	7,307	3,09,643
...	...	...	...	...	...	...	...	...	...	...	...
1	40	...	...	29	1,400	...	...	70	4,188	20	1,191
...	...	...	...	16	602	1	15	15	848	24	2,150
1	43	...	...	152	14,665	76	1,513	1,053	27,339	496	14,613
...	...	...	...	17	262	...	...	...	...	...	...
467	30,334	...	...	1,748	96,145	227	3,409	5,136	1,66,831	1,772	49,605
...	...	...	...	...	...	...	...	...	...	...	...
143	2,893	...	...	1,881	1,05,663	97	1,469	4,375	98,433	1,628	47,590
...	...	...	...	...	...	...	...	3	86	5	237
...	...	...	...	7	519	1	30	...	...	...	...
310	24,746	...	...	311	40,199	24	1,421	1,243	88,884	596	48,332
...	...	...	...	...	...	...	...	...	...	...	...
7	494	...	...	130	9,938	...	...	91	2,912	83	8,149
14	1,254	...	...	36	7,499	8	369	278	34,983	259	1,08,774
...	...	...	...	554	36,595	17	522	46	1,822	4	145
9	979	...	...	27	1,561	...	...	131	3,403	115	3,787
...	...	...	...	...	...	...	...	...	...	...	...
1	42	...	...	...	...	8	225	1	65	2	97
...	...	...	...	...	...	...	...	...	...	...	...
2	52	...	...	67	4,248	...	...	9	360	...	...
...	...	...	...	...	...	1	7	...	...	...	...
70	10,201	...	...	16	1,397	9	354	38	3,845	43	2,394
10	566	...	...	...	...	...	...	44	2,598	48	3,890
...	...	...	...	...	...	...	...	402*	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
85	...	...	...	520	...	...	...	4,770	...	3,565	...
1,655	1,30,848	...	...	7,648	5,48,259	694	54,582	30,603	30,70,543	20,023	44,89,458
...	...	...	...	...	...	...	...	...	...	...	...

* This represents area in the basin of Lake Beale given out for cultivation. The areas were not measured separately for each crop, hence no valuation can be made.

	(37) Pravara River Works—Pravara R. B. Canal.		(38) Parsul Tank.		(39) Pravara River Works—Pravara L. B. Canal.		(40) Mutha Canals, including Ma'tora Tank.	
	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
Gardens and Orchards. — Vegetables	23	938	...	...	30	1,228	558	2,79,000
Gardens and Orchards. — Fruits and other trees	111	23,115	18	8,362	158	33,857	1,051	3,98,000
Sugarcane	679	5,65,402	11	5,337	2,434	20,54,955	3,442	34,42,000
Cereals — Wheat	1,730	37,048	14	1,447	2,382	1,30,063	185	26,800
Cereals — Barley	...	...	...	...	...	...	...	...
Cereals — Rice	5	165	...	...	4	229	285	55,625
Cereals — Maize	32	497	2	74	43	3,767	138	6,900
Cereals — Jowár	3,565	74,026	...	...	5,223	1,87,130	4,324	5,57,690
Cereals — Chino, Rági, Rála, Vara	...	...	...	...	...	...	3	150*
Cereals — Bájri	2,524	72,280	19	1,554	8,631	3,95,385	7,833	8,31,680
Cereals — Miscellaneous	...	...	...	...	...	...	20	2,000
Pulses — Gram, Udid, Mug	759	16,281	11	912	1,961	1,18,447	91	6,825
Pulses — Tur	4	123	...	...	23	563	144	14,400
Pulses — Peas	...	...	...	...	1	103	...	...
Pulses — Ground-nut	511	31,033	123	20,253	512	66,123	1,137	2,01,500
Pulses — Miscellaneous	...	...	...	...	...	...	5	275
Fodder Crops. — Fodder	138	3,743	2	490	309	25,749	1,087	1,08,700
Fodder Crops. — Lucerne, etc.	160	12,643	...	...	292	30,156	293	1,15,500
Fibres — Cotton	75	2,851	52	6,296	879	1,38,224	4	600
Fibres — Tág (Hemp)	31	686	...	...	98	5,795	76	5,700
Dyes	...	...	...	...	...	...	...	...
Drugs and Narcotics — Tobacco	3	100	...	...	6	690	6	650
Drugs and Narcotics — Bháng	...	...	...	...	...	...	...	...
Oil-seeds — Mustard, Sesam	4	93	...	...	34	604	2	100
Oil-seeds — Linseed, Castor-oil	...	...	...	...	4	201	...	...
Condiments — Chilly and Onions	23	1,122	1	146	41	2,819	170	45,850
Condiments — Garlic, Turmeric and Methi.	4	166	...	...	54	4,458	...	...
Miscellaneous	...	...	...	...	...	...	28*	1,400*
Land insufficiently irrigated	...	...	...	...	...	...	1,283	...
Areas sanctioned and assessed but not planted and also areas assessed for water taken out of turn and other penalties	7,680	...	...	...	8,804	...	4,266	...
Total	18,061	8,41,812	253	44,971	31,923	32,00,558	26,481	61,30,745
Area on which consolidated assessment is levied	...	...	...	...	...	...	...	...

* This represents area indirectly irrigated by underground percolation from the Mutha Right Bank Canal and value estimated was Rs. 1,400.

III-E—*concluded.*

(41) Nira Canal, Including Sheffhal Tank.		(42) Kásubdi Tank.		(43) Shirsuphal Tank.		(44) Bhádalvádi Tank.		Total.	
Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
65	32,500	...	...	4	2,000	...	...	1,253	3,73,633
195	97,500	...	...	11	7,000	...	...	2,178	7,14,120
9,250	33,25,000	...	...	4	3,200	25	20,000	28,745	2,25,90,441
470	47,000	1	150	47	7,050	17	2,550	28,447	13,16,128
...	...	...	...	3	360	...	...	506	13,346
...	...	...	...	105	10,500	83	8,300	7,994	4,98,376
...	...	...	...	4	200	...	...	3,054	99,593
25,180	32,66,900	96	14,400	406	60,900	283	32,450	54,789	51,35,060
...	...	...	...	...	...	...	...	656	11,925
3,100	6,48,000	...	...	219	21,900	243	24,300	39,829	25,21,869
...	...	...	...	...	...	...	...	1,391	27,781
800	56,000	...	...	88	8,800	97	9,700	18,198	6,69,990
199	16,920	...	...	11	1,320	4	480	404	33,585
...	...	...	...	...	...	...	...	246	5,784
6,440	7,72,800	...	...	144	22,040	221	35,360	18,511	20,75,855
...	...	...	...	...	...	...	...	43	4,090
250	12,500	...	...	2	150	...	...	2,647	2,06,139
60	12,000	...	...	...	...	...	...	1,481	3,25,258
70	8,400	...	...	42	6,300	45	6,750	2,805	2,65,405
60	3,600	...	...	1	100	...	...	1,304	37,937
...	...	...	...	...	...	...	...	17	473
20	2,000	...	...	...	...	...	...	128	16,055
...	...	...	...	...	...	...	...	32	6,425
...	...	...	...	...	...	...	...	252	10,600
...	...	...	...	3	225	...	...	28	1,227
1,110	1,22,000	...	...	...	...	...	...	3,636	4,30,529
...	...	...	...	...	...	...	...	1,419	4,07,302
...	...	...	...	7	280	...	...	1,860	1,10,046
17,460	...	...	...	76	...	...	...	18,866	...
5,345	...	...	...	157	...	498	...	37,508	...
75,024	1,34,22,120	97	14,550	1,334	1,52,325	1,516	1,39,890	2,78,202	3,79,02,772
...	...	...	...	...	...	...	...	8,723	5,86,325

STATEMENT

Comparative Statement of Irrigation and Rainfall for the years 1921-1922

Civil District.	Of the Civil District.			Works supplying Irrigation.		Culturable area commanded by the Irrigation Works in column 6 in Acres.
	Total area in Acres.	Culturable area in Acres.	Cultivated area in Acres.	No.	Name.	
1	2	3	4	5	6	7
						Acres.
Ahmedabad ..	2,458,115	1,959,193	1,343,130	4	Hathmati Canal	28,840
					Khári Cut „	20,000
					Total ...	48,840
Kaira	1,029,117	852,628	800,055	5	Wangroli Tank	5,000
				6	Tranja-Nagrama	1,290
				7	Savli Tank	4,700
				8	Saint „	4,000
					Total ...	14,990
Panch Mahâls ...	1,028,783	629,476	513,884	9	Futelao Tank	1,200
West Khándesh...	3,481,177	1,563,727	1,339,270	3	Shahada Channel	3,000
				10	Lower Pánjhra River Works ...	12,627
East Khándesh ...	2,908,687	2,124,959	2,006,729	11	Hartala Tank	527
				12	Mháswa „	4,075
				13	Jámda Canals	40,185
					Total ...	44,787
Poona District ...	3,427,492	2,539,845	1,976,435	41	Nira Canals and Shetphal Tank	227,670
				40	Mutha Canals and Mátoba Tank	49,800
				42	Kásurdi Tank	478
				43	Shirsuphal „	2,500
				44	Bhádalvádi „	2,400
					Total ...	282,848
Násik District ...	3,771,059	2,477,272	1,864,865	34	Chankapur Tank—Girna Left Bank Canal.	25,200
				33	Kádva River Works. Pálkhed Canal ...	26,280
					Kádva River Works. Ozar-Támbat Canal	7,421
					Kádva River Works. Wadáli Canal ...	2,729
				38	Parsul Tank	3,197
				36	Godavari River Works. Lake Beale Dam ...	83,000
					Godavari River Works. Godavari Right Bank Canal ...	
					Godavari River Works. Godavari Left Bank Canal	
					Total ...	147,827
Ahmednagar District.	4,241,905	‖ 3,241,809	‖ 2,579,867	36	Godavari River Works. Godavari Right Bank Canal ...	136,390
					Godavari River Works. Godavari Left Bank Canal	
				37	Pravara Right Bank Canal	58,415
				39	Pravara Left Bank Canal	99,025
				35	Lákh Canal	25,536
				14	Bhátodi Tank	13,657
					Total ...	333,023

IV-E.

and 1922-1923 in the Bombay Presidency, excluding Sind.

Area at present estimated as annually irrigable by the works specified in column 6.	AREA IRRIGATED IN ACRES.						RAINFALL.		REMARKS.
	1921-1922.			1922-1923.			1921-1922.	1922-1923.	
	Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.			
8	9	10	11	12	13	14	15	16	17
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Inches.	Inches.	At Printij.
8,000	815	3,281	3,796	*820	3,049	3,869	43·32	28·21	At Ahmedabad Civil Hospital.
16,000	11,415	1,470	12,885	(a) 8,797	2,219	6,016	42·51	34·59	* This includes 23 acres irrigated in Hot Weather.
									(a) Do. 292 do.
									(b) Do. 45 do.
									(c) Do. 68 do.
24,000	11,930	4,751	16,681	4,617	*5,268	9,885			(d) Do. 50 do.
									(e) This is wholly Hot Weather irrigation.
3,000	703	1,030	1,733	(b) 753	288	1,041	46·05	26·02	
800	42	36	78	...	...	...	35·32	25·92	Rain-gauges fixed on the tanks.
3,000	1,464	1,199	2,663	(c) 896	593	1,489	43·05	25·82	
2,000	111	298	409	(d) 235	497	732	37·97	27·00	
9,200	2,320	2,563	4,883	1,884	1,978	3,862			
800	2	59	61	(e) 30	83	113	40·50	20·22	Rain-gauge fixed on the tank.
3,000	†172	†1,603	†1,776	147	1,111	1,258	27·44	17·83	† Details of area under consolidated assessment not available.
	...	...	...	148	‡927	‡975			
	194	646	840	174	616	790	22·22	17·80	‡ Area under consolidated assessment.
12,637	‡1,785	191	11,976	‡1,581	‡96	‡1,627			
	366	2,249	2,615	321	1,737	2,048			
	11,785	191	11,976	‡1,579	‡1,023	‡2,602			
415	...	31	31	41	31	72	28·33	26·42	
1,700	...	532	532	98	50	148	28·75	15·87	
5,000	333	1,299	1,632	1,308	520	1,828	23·65	23·33	
7,115	333	1,862	2,195	1,447	601	2,048			
113,290	39,819	23,483	63,302	40,791	29,096	69,887	17·53	21·36	
4,200	3,756	1,656	5,412	3,710	1,427	5,137	20·35	23·53	
16,800	11,032	1,894	428	19,178	1,215	428			§An area of 28 acres is indirectly irrigated by underground percolation from the Mutha Right Bank Canal.
			12,926			20,393	18·15	24·92	
3,250	1,497	1,624	3,121	8,437	2,573	6,010	8·61	18·13	
159	39	..	39	56	41	97	13·39	12·56	
1,800	222	259	481	725	609	1,334	7·41	22·49	
2,000	251	723	1,674	977	539	1,516	16·41	29·76	
141,480	57,117	29,033	86,956	68,874	35,500	1,04,374			
			§28			§28			
8,500	2,547	2,776	5,323	3,785	3,863	7,648	16·03	9·78	
9,337	996	1,586	2,582	2,872	1,336	4,208	15·47	12·40	
3,367	516	508	1,024	1,509	507	2,016	14·24	10·52	
2,433	476	586	1,062	1,076	579	1,655	16·11	11·64	
1,000	718	747	1,465	151	102	253	15·11	4·72	
30,109	358	89	447	223	179	402	28·02	27·54	
	834	1,918	2,752	1,286	2,801	4,087	16·91	17·27	
	1,224	2,262	3,486	1,488	4,918	6,376	16·91	17·27	
54,246	7,971	10,872	18,843	12,380	14,285	26,646			
49,331	10,637	11,871	22,498	11,047	15,067	26,114	16·91	17·27	‖ Includes 32,411 acres area of unsurveyed alienated villages.
	5,418	6,211	11,629	5,758	7,889	13,647	16·91	17·27	¶The culturable and irrigable areas commanded as given in the second revised project of the Pravara River Works are 182,976 and 57,000 acres respectively. These include the old areas (culturable and irrigable at present) under Lakh Canal, viz. 25,536 and 11,280 acres respectively. The balance is distributed between the two Pravara Canals in proportion to the gross commands.
¶16,980	7,845	7,402	15,247	9,226	8,835	18,061	11·29	20·79	
¶28,760	11,494	8,208	19,702	18,558	13,385	31,923	11·29	7·30	
11,280	268	248	516	367	327	694	18·57	23·05	
12,124	268	541	749	289	486	755	16·27	25·52	
118,455	35,860	34,481	70,341	45,236	45,939	91,194			

STATEMENT

Civil District.	Of the Civil District.			Works supplying Irrigation.		Cultivable area commanded by the Irrigation Works in column 6 in Acres.
	Total area in Acres.	Cultivable area in Acres.	Cultivated area in Acres.	No.	Name.	
1	2	3	4	5	6	7
						Acres.
Sholápur ...	2,916,110	2,534,225	2,142,809	15	Ekrúk Tank	16,941
				16	Koregaon „	2,394
				17	Ashti „	16,625
				18	Pátheri „	4,686
				20	Mhaswad „	102,500
					Total ...	143,146
Sátára	3,141,339	2,361,903	2,332,014	20	Mhaswad Tank	3,814
				19	Krishna Canal	26,452
				21	Revári „	3,624
				22	Upper Mán River Works	7,623
				23	Yerla River Irrigation Works ...	10,680
				24	Chikhli Canal	1,478
				25	Mayni Tank	4,626
					Total ...	58,297
Bijápur	3,652,693	3,276,971	2,979,393	26	Muchkundi Tank	5,417
Belgaum ...	2,952,328	2,285,169	1,803,685	1	Gadikeri Tank	687
				27	Gokák Canal, 1st Section and Storage Works	17,627
					Total ...	18,314
Dhárwár ...	2,946,967	2,413,236	2,026,335	28	Dámbal Tank	2,500
				29	Medleri „	880
				31	Asundi „	1,011
				30	Madag „	1,845
				32	Dharma Canal	12,370
					Total ...	18,556
Kánara	2,525,915	333,887	263,547	2	Mávinkop Tank	755
	40,462,005	28,623,300	24,031,518		Grand Total ...	1,133,627

IV-E.—*concluded.*

Area at present estimated as annually irrigable by the works specified in column 6.	Area irrigated in Acres.						Rainfall.		Remarks.
	1921-1922.			1922-1923.			1921-1922.	1922-1923.	
	Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.			
8	9	10	11	12	13	14	15	16	17
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Inches.	Inches.	
16,241	3,021	2,622	5,643	1,524	...	1,524	15·66	10·44	
1,050	...	133	133	...	106	106	19·77	9·00	
11,780	126	3,253	3,379	...	3,390	3,390	13·06	9·19	
3,500	...	845	845	...	43	43	19·83	15·57	
22,100	2,784	6,756	9,540	3,800	4,711	8,511	22·95	23·78	
54,371	5,931	13,659	19,590	5,324	8,255	13,579			
2,700	83	805	888	121	362	483	15·90	22·73	
12,320	4,848	3,504	8,352	5,066	1,452	6,518	17·26	26·75	* Water was allowed free *vide* G. R. No. A. I. 11646, dated 26th July 1921.
1,920	111	295	606	146	394	540	22·25	32·68	
2,080	626	1,039	1,665	280	608	888	15·09	21·99	
5,480	615	3,859	4,374	1,086	1,756	2,842	19·00	30·90	
1,478	474	40	514	409	131	540	16·25	20·49	† Area under consolidated assessment.
4,525	1,146	1,397	2,543	1,111	1,425	2,536	19·10	17·15	
30,003	7,803	11,039	18,542	8,199	6,128	14,327			
750	81*	6*	87*	71	387	458	18·98	16·24	
417	395†	...	395†	...	...	‡	26·41	26·04	‡ The lands under Gadikoi are assessed at consolidated assessment. As the rain was timely the cultivators did not ask for tank water and so there was no irrigation under this tank during 1922-1923.
17,627	6,689	3,670	10,359	5,743	2,968	8,711	21·08	18·12	
18,044	6,689 395†	3,670	10,359 395†	5,743	2,968	8,711			
1,000	312 144†	85	397 144†	110 144†	24	134 144†	13·54	4·04	
600	33	...	33	88	12	100	15·15	17·84	§ The difference in the figures as reported previously is due to incorporation of information pertaining to Shahada Channel.
1,011	50	42 190†	102 190†	77	30 190†	107 190†	18·80	29·50	
1,345	506	212	718	510	197	707	22·39	19·74	
12,870	437 5,126†	...	437 5,126†	432	...	432 5,126†	59·16	31·82	‖ Area indirectly irrigated by underground percolation from the Mutha R. B. Canal.
16,826	1,347 5,270†	340 190†	1,687 5,460†	1,267 5,270†	263 190†	1,530 5,460†			
617	6‖	...	6‖	661†	...	661†	37·55	42·34	
493,134	137,950	115,189	253,139§ 28‖	155,392	122,732	278,174 28‖			
	7,456†	281†	7,737†	7,510†	1,213†	8,723†			

STATEMENT F.

Statement showing the Operation of Irrigation Works in the Bombay Presidency, excluding Sind, for the year 1922-1923.

No.	Names of Works.	Amount due, 1922-1923.		Remissions.		Total.		Grand Total.	Remarks.
		Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.		
1	2	3	4	5	6	7	8	9	10
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
	WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.								
	Productive.								
1	Gadikeri Tank	...	...	..	...	...	...	...	Lands under consolidated assessment.
2	Mavinkop do.	...	...	...	...	...	...	...	
3	Shahada Channel	389	4,727	...	...	389	4,727	5,116	
	Total, Productive ...	389	4,727	...	...	389	4,727	5,116	
	Unproductive.								
4	Hathmati and Khari Cut Canals combined	26,491	12,904	947*	...	25,544	12,904	38,448	*Himayat recovered along with land revenue.
5	Wangroli Tank	3,134	625	...	...	3,134	625	3,759	
6	Tranja-Nagramma Tanks ...	...	...	...	...	...	...	...	
7	Savli Tank	3,676	1,260	59*	...	3,617	1,260	4,877	
8	Sahiat do.	1,043	1,728	...	...	1,043	1,728	2,771	
9	Futelao do.	79	252	...	...	79	252	331	
10	Lower Panjhra River Works ...	9,593	3,463	...	...	9,593	3,463	13,056	
11	Hartala Tank	84	94	...	...	84	94	178	
12	Missva do.	98	166	...	...	98	166	264	
13	Landa Canals	3,732	1,751	...	...	3,732	1,751	5,483	
14	Bhatodi Tank	2,410	2,666	...	...	2,410	3,665	6,075	
15	Ekrik do.	33,176	...	...	...	33,176	...	33,176	
16	Kocgaon do.	...	519	...	...	...	519	519	
17	Ashti do.	...	16,856	...	...	...	16,356	16,356	
18	Pathri do.	...	98	...	...	...	98	98	
19	Krishna Canal	43,714	11,264	...	...	43,714	11,264	54,978	
20	Mhaswad Tank	32,577	26,976	...	...	32,577	26,976	59,553	
21	Bavari Canal	542	1,822	1	76	541	1,822	2,363	
22	Upper Man River Works ...	542	2,662	...	...	542	2,662	3,204	
23	Yerla River Irrigation Works ...	2,576	8,606	3	6	2,573	8,600	11,173	
24	Chikhli Canal	918	996	...	...	918	996	1,914	
25	Maini Tank	3,393	6,139	...	...	3,393	6,139	9,532	
26	Muchkundi Tank	358	...	...	...	358	...	358	
27	Gokak Canal, 1st Section, and Storage Works	27,669	14,921	...	...	27,669	14,921	42,590	
28	Dambal Tank	159	76	...	...	159	76	235	
29	Modleri do.	693	68	...	...	693	68	761	
30	Madag do.	2,175	1,284	...	...	2,175	1,284	3,459	
31	Asundi do.	414	199	...	...	414	199	613	
32	Dharna Canal	2,533	...	6	...	2,527	...	2,527	
33	Kadva River Works—Waghad Tank ... Palkhed Canal ... Ojhar Tambat Canal ... Waddi Canal ...	21,527	9,988	...	...	21,527	9,988	31,515	
		12,306	3,976	...	...	12,306	3,976	16,282	
		8,360	4,430	...	...	8,360	4,430	12,790	
34	Chankapur Tank—Girna Left Bank Canal	20,951	21,094	...	...	20,951	21,094	42,045	
35	Pravara River Works—Lakh Canal	605	647	...	...	605	647	1,252	
36	Lake Beale-Darna Dam ...	651	640	...	...	651	640	1,291	
	Godavari Right Bank Canal ...	2,44,486	1,04,716	...	...	2,44,486	1,04,716	3,49,201	
	Godavari Left Bank Canal ...	1,69,229	71,807	...	...	1,69,229	71,807	2,41,036	
37	Pravara River Works—Pravara Right Bank Canal	43,880	47,394	..	...	43,880	47,394	91,224	
38	Parsul Tank	322	372	...	...	322	372	694	
39	Pravara River Works—Pravara Left Bank Canal	1,19,215	79,786	...	...	1,19,215	79,786	1,99,001	
40	Mutha Canals and Matoba Tank	2,52,804	23,066	3	...	2,52,801	23,066	2,75,867	
41	Nira Canal and Shetphal Tank	5,82,819	92,424	11	...	5,82,808	92,424	6,75,232	
42	Kasurdi Tank...	60	47	...	...	60	47	107	
43	Shirsuphal do.	3,001	2,453	...	...	3,001	2,453	5,454	
44	Bhadalvadi do.	4,174	2,348	...	...	4,174	2,348	6,522	
	Total, Unproductive ...	16,85,124	5,82,112	1,080	42	16,84,094	5,82,070	22,66,164	
	GRAND TOTAL ...	16,85,513	5,86,839	1,080	42	16,84,483	5,86,797	22,71,280	

STATEMENT I-F.

Statement showing water-rates per acre in force during 1922-1923 on Irrigation Works in the Bombay Presidency, excluding Sind.

Sr. No.	Name of Works.	Water-rates.							Single water-lift.	Occupier's rate.	Owner's rate.	Water advantage.	Remarks.
		Irrigation in blocks.	Perennial.	Early, eight months.	Monsoon, four months.	Rabi, four months.	Hot weather.	Miscellaneous					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Works for which Capital and Revenue accounts are kept.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.				
	Productive.												
1	Gadkari Tank (a)	...	...	...	...	...	...	...	...				(a) Lands wholly assessed at consolidated rates.
2	Mavinkoy Tank (a)	...	...	...	...	...	...	...	...				
3	Shahda Channel †	...	...	...	6	2	4	6	...	1			† In force for three years ending 31st March 1926—*vide* Government Resolution No. 838, dated 27th March 1923.
	Unproductive.												
4	Hathmati Canal (b)	...	...	10	3	1	2	6	...	3			(b) Rates sanctioned until further orders—*vide* Government Resolution No. 156 A. I.—1115 of 19th July 1923.
5	Khari Cut Canal (b)	...	...	14	7	1	5	6	...	2			(c) Rates sanctioned in Government Resolution No. A. I.—1039, dated 6th September 1910, and continued up to 15th June 1923—*vide* Government Order No. A. I.—9080, dated 14th September 1917, and Government Resolution No. 826, dated 7th April 1922.
6	Wagrodi Tank (c)	...	...	...	6½	2½	4	6	For rice 4	1½			
7	Thana-Vagramma Tanks (d)	...	...	...	6	2	4	6	For rice 4	1			(d) Rates sanctioned in Government Resolution No. A. I.—1152, dated 12th May 1916, are to continue up to 31st July 1923—*vide* Government Resolution No. A. I.—10185, dated 14th September 1915, and Government Resolution No. 922, dated 7th April 1922.
8	Sativli Tank (e)	...	...	...	6½	2½	4	6	For rice 4	1½			(e) Rates sanctioned in Government Resolution No. A. I.—1235, dated 14th June 1910, are to continue up to 15th June 1923—*vide* Government Resolutions No. A. I.—297, dated 10th January 1916 and No. 818, dated 7th April 1922.
9	Fitchia Tank (g)	...	...	...	Rice up to end of October 4. Other Kharif 2	(h) 3	Provisional 8	...	(j) 1				(f) Rates sanctioned in Government Resolution No. A. I.—309, dated 25th February 1911, are to be in force up to 31st March 1924—*vide* Government Order No. A. I.—9851, dated 26th June 1913.
10	Lower Pinjhra River Works (k)	...	...	...	6	2	4	6	...	1			(g) Rates sanctioned in Government Order No. A. I.—10286, dated 8th July 1921.
11	Hastdia Tank (l)	...	...	9 (m) 12	5	2	3	4	...	*1	Nil.	Nil.	(h) For ordinary Rabi.
12	Mhasva Tank (l)	...	...	9 (m) 12	5	2	3	4	...	*1			(k) For restorative crops grown after rice.
13	Jamda Canals (l)	...	...	10 (m) 20	5	2	3	5	...	*1			(l) In either kharif or rabi season.
14	Bhatodi Tank (n)	...	...	14½	6½	2½	6	8	...	1			(m) In force for five years ending 31st March 1926—*vide* Government Order No. A. I.—11106, dated 9th July 1921.
15	Erak Tank (o)	...	...	*17½	8	3	5	7	...	*1			(l) In force till 31st March 1926—*vide* Government Order No. A. I.—13186, dated 21nd July 1920.
16	Koregaon Tank (o)	...	...	*16	7	3	4	6	...	*1			(n) The perennial rate for sugarcane and pan gardens.
17	Ambi do. (o)	...	...	*16	7	3	4	6	...	*1			(o) In force from 10th October 1920 to 16th October 1925—*vide* Government Order No. A. I.—8220, dated 29th March 1921. For late 4 months Rs. 13 are charged.
18	Pisthel do. (o)	...	...	*16	7	3	4	6	...	*1			(p) Rates to be in force for a period of six years *ending* 15th February 1925—*vide* Government Order No. A. I.—9708, dated 4th October 1916.
19	Krishna Canal (p)	...	...	*16	8	3	5	8	...	*1			(q) In force for 10 years ending 15th June 1930—*vide* Government Order No. A. I.—10633, dated 8th December 1919.
20	Mhaswad Tank (q)	...	...	(u) 28 (v) 14	8	3	5	6	...	1			(q) Rates sanctioned for a period of six years ending 14th February 1924—*vide* Government Order No. A. I.—1270, dated 12th February 1918.
21	Rovari Canal (p)	...	...	*12	6	2	4	6	...	*1			(r) Water rates sanctioned for one year in Government Order No. A. I.—11545, dated 26th July 1921.
22	Upper Man River Works (p)	...	...	*13	6	2	4	6	...	*1			(s) For sugarcane. (v) For perennial crops other than sugarcane. *For sugarcane and pan gardens double the ordinary rates are charged. † For the whole year.
23	Yeria River Irrigation Works (p)	...	...	*13	6½	3	4½	6½	...	*1			
24	Chikhli Canal (p)	...	...	*12	6	2	4	6	...	*1			
25	Maini Tank (p)	...	...	*12	6	2	4	6	...	*1			
26	Muskhandi Tank (r)	...	...	15	...	...	...	...	...				

Note—(1) For lift irrigation half the ordinary rates are charged.
(2) Double the ordinary rates are charged as penal rates for taking water without permission.
(3) Leakage or percolation rates are the same as ordinary rates.

STATEMENT I-F—*concluded.*

No.	Names of Works.	Water-rates.							Single water.	Occupier's rate.	Owner's rate.	Water tages.	Remarks.
		Irrigation in blocks.	Perennial.	Early, eight months.	Monsoon, four months.	Rabi, four months.	Hot weather.	Miscellaneous.					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT—*contd.*	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	...	Rs.				
	Unproductive—contd.												
27	Gokak Canal, 1st Section, and storage works (a)	...	(b) 22 (c) 12	3	3	5	15	...	1				(a) Rates sanctioned for a period of five years up to 31st March 1933 in Government Order No. A. I.—3405, dated 9th July 1918. (b) For whole year. (c) For sugarcane irrigated from 15th June to 15th February.
28	Dagdal Tank (d)	...	(e) 14	(f)8 (g)7½	(h)4	(i) 4½	(j) 7	...	(k) 1 (l) 2				(d) Rates sanctioned for a period of five years ending 31st March 1930, in Government Order No. A.I.—3302, dated 9th September 1919.
29	Mudhol do. (d)	...	(e) 14	(f)6 (g)7½	(h)4	(i) 4½	(j) 7	...	(k) 1 (l) 2				(e) For Sugarcane, Betel-leaf, etc., for twelve months.
30	Madap[illegible] do. (d)	...	(e) 10	(f)6 (g)7½	(h)4	(i) 4½	(j) 7	...	(k) 1 (l) 2				(f) From 15th June to 15th February.
31	Asundi do. (d)	...	(e) 14	(f)6 (g)7½	(h)4	(i) 4½	(j) 7	...	(k) 1 (l) 2				(g) ,, 15th October to 14th June or 1st August to 31st March. (h) ,, 15th June to 15th October or 15th July to 30th November.
32	Dharma Canal (m)	...	...	...	3	...	...	...	(k) 1 (l) 2				(i) ,, 15th October to 15th February.
33	Kalsa Pilkhod Canal ... River Ojhar Canal ... Works Wadali Canal ... (n).	...	(u) 30 (v) 15	8	3	5	7	...	(o)1 (p)2				(j) ,, 15th February to 15th June. (k) ,, 15th June to 15th October. (l) ,, 16th October to 14th June.
34	Girna Left Bank Canal (c).	...	(a) 28 (c) 14	6	3	5	6	...	1 (c) 2				(m) Rates sanctioned for a period of five years ending 31st March 1927 in Government Resolution No. 1627, dated 20th April 1922.
35	Pravara River Works—Lakh Canal (c)**	...	8	4	½	2	4	...	...				(n) Rates sanctioned for a period of five years' ending 15th February 1924—*vide* Government Order No. A. I.—1405, dated 28th August 1919. (o) For monsoon and rabi seasons. (p) For hot weather season.
36	Godavari Right Bank Canal (t). Godavari Left Bank Canal (t).	...	(u) 45 (v) 29½	12	3	5	7	...	(w)1 (x)2	Nil.	Nil.	Nil.	(q) Rates sanctioned in Government Resolution Nos. A.I.—1491 and 1664, dated 28th June 1910 and 4th October 1911 respectively. (r) For sugarcane and pan gardens. (s) Rates sanctioned in Government Resolution No. A. I.—12087, dated 11th December 1918 until an improved supply from Lake Arthur Hill is available.
37	Pravara River Works ... Pravara Right Bank Canal (y).	...	(u) 45 (v) 29½	12	3	5	7	...	1				(t) Rates sanctioned in Government Resolution No. A.I.—6371, dated 27th June 1917 for a period of six years ending 14th February 1924. A uniform rate of Rs. 2 per acre has been sanctioned for lands let out for cultivation in the beds of Lake Roads, *vide* Government Resolution No. A. I.—3456 of 13th October 1923.
38	Parsul Tank (aa)**	...	...	7	2	5	8	...	1 2				(u) For Sugarcane. (v) For perennial crops other than Sugarcane and Pan gardens.
39	Pravara River Works Pravara Left Bank Canal (y)	...	(u) 45 (v) 29½	12	3	5	7	...	1				(w) From 15th June to 14th February for ordinary crops. (x) From 15th February to 14th June for ordinary crops and for sugarcane and pan gardens throughout the whole year as sanctioned in Government Resolution No. A. I.—1756, dated 26th July 1911 and 4014, dated 15th May 1912.
	Mutha Canals and Mutha Tank (f).												(y) Rates sanctioned in Government Resolution No. A.I.—11430, dated 26th July 1921 for the period ending 14th February 1924.
	Sugarcane under the Mutha Canal within the Poona City and Suburban Municipal and Cantonment limits or within one mile of those limits.	...	50										(aa) Rates sanctioned in Government Resolution No. A.I.—8358 dated 30th March 1921. Water is not to be reserved for perennial irrigation, if available it is to be issued at double the hot-weather rates.
40	On all remaining land commanded by both the canals.	...	(u) 45	12	3	5	7	...	1 (y)2 (f)				* For Pan gardens. ** For Sugarcane and Pan gardens double the perennial rates are charged.
	Pan gardens	...	* 30										† This rate is levied in proportion to the time for which water is supplied, according to the scale laid down in Note (c) schedule attached to Government Resolution No. A.I.—2213, dated 15th October 1910—*vide* Government Resolution No. A.I.—9007, dated 27th May 1913.
	Matoba Tank	...	† 45										‡ Rate sanctioned for five years ending 15th February 1924—*vide* Government Resolution No. A. I.—879, dated 29th January 1919.
	Perennial crops other than Sugarcane and Pan gardens.	...	(v) 29½										(f) Rates sanctioned in Government Resolution No. A. I.—2213, dated 15th October 1910 are to continue up to 12th February 1924—*vide* Government Resolution No. A. I.—17040, dated 18th November 1921. Seasonal rates are to be charged for other perennials.
41	Nira Canal and Shetphal Tank (f)	20‡	(u) 45 (v) 29½	12	3	5	7	...	1 (y)2 (f)				
43	Kasardi Tank §**	...	...										
49	Shirsuphal do. §**	...	...	6½	2½	4	6	...	1 (r)2				
44	Bhadalwadi do. §**	...	...										

Note.—(1) For lift irrigation half the ordinary rates are charged.
(2) Double the ordinary rates are charged as penal rates for taking water without permission.
(3) Leakage or percolation rates are the same as ordinary rates.
(4) Water rate for non-irrigational purposes should not be less than Re. 1 per 10,000 cubic feet, *vide* Government Resolutions No. A. I.—879, dated 29th January 1919 and No. A. I.—7004, dated 31st July 1916.
(5) Re. 1 per acre to be charged for single watering given to those who are not regular irrigators or holders of rabi leases, *vide* Government Resolution No. A. I.—1759, dated 6th July 1906 and Government Order No. A. I.—2132, dated 3rd March 1916.

STATEMENT G.

STATEMENT

Statement showing Areas and Water-rate Assessments in the Bombay Presidency, fixing the Scale

No.	Name of Works.	Irrigation in Blocks.		Perennial.		8 Months.		Monsoon—4 Months.		Rabi—4 Months.	
		Areas.	Assessments.	Areas.	Assessments.	Areas.	Assessments.	Areas.	Assessments.	Areas.	Assessments.
	Works for which Capital and Revenue Accounts are kept.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
	Productive.										
1	Gadikeri Tank	...	...	...	...	...	...	...	...	...	...
2	Mirchhon do.	...	...	...	...	...	...	...	...	...	...
3	Shahada Channel	...	...	58	351	...	...	28	62	1,167	4,832
	Total, Productive ...	...	...	58	351	...	...	28	62	1,167	4,832
	Average rate ...	..	...	..	6·03	...	...	...	2·14	...	4·01
	Unproductive.										
4	Hathmati and Khari Cut Canals combined	...	...	...	...	...	...	4,314	25,044	5,266	12,804
5	Wangruli Tank	...	...	...	...	...	...	706	2,907	298	939
6	Trana-Nagneuma Tanks	...	...	...	...	...	...	...	...	...	...
7	Savli Tank	...	...	...	...	...	...	378	3,578	693	1,980
8	Sahlat do.	...	...	...	...	...	...	158	771	497	1,223
9a	Futsiao do.	...	...	...	...	...	...	...	...	83	253
10	Lower Vathra River Works	...	...	18	227	116	630	42	85	614	5,671
11	Harigla Tank	...	...	...	...	1	3	41	84	26	69
12	Mhasve do.	...	...	...	...	2	16	...	...	43	180
13	Jámla Canals	...	...	18	292	46	271	1,063	2,208	515	1,074
14	Bhatodi Tank	...	...	...	...	206	2,030	65	440	481	2,555
15	Ekrik do.	...	...	831	13,070	29	240	...	...	...	...
16	Korugaon do.	...	...	...	...	...	...	...	...	104	519
17	Ashti do.	...	...	12	205	...	...	...	...	2,378	10,151
18	Páthri do.	...	...	...	...	...	...	...	...	48	93
19	Krishna Canal	...	...	1,041	29,202	1,033	9,900	3,243	11,574	993	5,332
20	Khasrad Tank	...	...	165	1,725	2,557	26,462	720	2,931	3,557	19,939
21	Bewtri Canal	...	...	31	616	21	126	162	296	273	1,616
22	Upper Mán River Works	...	...	24	628	170	943	179	316	448	1,999
23	Yerla River Irrigation Works ...	...	...	46	731	930	2,700	244	639	1,635	7,168
24	Chikhli Canal	...	...	23	370	86	398	311	696	56	413
25	Maisi Tank	...	...	66	983	641	1,341	485	1,023	1,332	5,478
26	Muchkundi do.	...	...	71	968	...	...	...	...	3978	...
27	Gokák Canal, 1st Section, and Storage Works	...	...	278	8,167	1,377	17,068	3,453	10,178	2,905	14,849
28	Dimbal Tank	...	...	2	23	1	6	...	...	...	...
29	Medleri do.	...	...	39	449	1	19	56	249	11	56
30	Madag do.	...	...	75	751	29	204	488	1,997	115	533
31	Asundi do.	...	...	34	127	96	277	33	157	4	7
32	Dharma Canal	...	...	...	...	...	...	492	2,537	28	98
33	Kádva River Works. { Vághol Tank ... ... / Pálhad Canal ... ... / Ojhar Tembat Canal ... ... / Wadáli Canal	...	...	350	3,392	1,429	15,081	1,003	3,623	1,213	8,370
		...	...	310	3,071	476	4,384	557	2,632	555	2,303
		...	...	160	2,466	391	4,179	500	1,534	590	3,893
34	Chunkapur Tank—Girna Loft Bank Canal	...	...	399	9,402	686	2,635	2,078	9,949	3,796	13,600
35	Pravara River Works—Lákh Canal...	...	...	67	226	59	217	255	158	322	624
36	{ Lake Basin—Durna Dam ... ... / Godavari Right Bank Canal	...	...	...	...	...	...	...	...	...	...
		...	...	5,943	2,23,301	1,415	17,209	5,380	17,612	12,580	69,253
37	Left Bank Canal ... ... Pravara River Works—Pravara Right Bank Canal	...	...	4,290	1,09,708	637	8,385	1,092	6,068	9,454	49,322
38	Pamni Tank	...	...	89	23,752	629	6,077	2,622	8,544	6,041	31,636
39	Pravara River Works—Pravara Left Bank Canal	...	...	31	98	178	476	31	69	25	60
	Within the Poona City, Suburban Municipal and Cantonment limits or within one mile of those limits	..	...	1,210	38,836						
40	Mutha Canals, including Sholapur Tank. { On all the remaining land commanded by both Canals ... / Pán gardens wherever situated throughout the Canals...	...	...	3,436	1,42,196	1,740	18,725	9,295	25,326	4,605	23,125
		...	...	8	159						
	Mátoba Tank. Mátoba Tank	...	...	397	7,360						
41	Nira Canal, including Sholapur Tank.	15,724	3,14,480	4,870	127,766	4,833	59,476	7,971	24,818	18,968	1,03,218
42	Kásurdi Tank	...	...	...	...	...	...	...	...	...	...
43	Shirsuphal do.	...	...	19	288	309	1,418	333	890	546	2,324
44	Bhádalwádi do.	...	...	25	337	313	1,727	243	663	397	1,776
	Total, Unproductive ...	15,724	3,14,480	27,670	5,53,693	22,346	2,06,576	58,290	1,97,410	93,150	4,80,986
	Average rate ...	...	20·00	...	32·41	...	9·24	...	3·38	...	4·29
	Grand Total ...	15,724	3,14,480	27,728	5,54,043	22,346	2,06,576	58,318	1,97,470	95,329	4,84,965
	Average rate ...	...	20·00	...	32·36	...	9·24	...	3·38	...	4·27

G.

excluding Sind, during 1922-1923, according to the system of classification adopted in of Water-rates.

Hot Weather.		Miscellaneous.		Grand Total.		Remarks.
Areas.	Assessment.	Areas.	Assessment.	Areas.	Assessment.	
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	
...	...	...	...	...	...	
...	...	...	...	...	...	
5	22	...	...	1,253*	5,115	*Exclusive of 975 acres of mamul Bagayat area.
5	22	...	...	1,258	5,115	
...	4·40	...	...	...	4·67	
363	1500	...	...	9,865	33,449	
45	227	...	...	1,041	3,759	
...	...	...	...	...	...	
18	103	...	...	1,489	4,877	
50	277	...	...	732	2,171	
30	79	...	...	113	331	
...	...	...	...	790†	3,574‡	†Exclusive of 1,627 acres of mamul Bagayat area.
...	...	1	2	72	178	‡Exclusive of Rs. 9,482 on account of enhanced water rates on old works.
...	...	98	98	148	264	
177	1,026	10	12	1,629	5,483	
...	...	...	...	755	5,075	
99	606	864	14,170	1,521	33,176	
...	...	...	...	106	519	
...	...	...	...	3,390	16,358	
...	...	...	...	48	98	
33	110	122	797	6,516	54,978	
153	1,038	1,532	7,635	6,904	59,553	
6	36	...	...	640	2,400	
...	...	7	28	868	3,204	
6	39	8	12	2,842	11,182	
6	19	14	59	640	1,914	
...	...	2	8	9,536	8,532	
...	...	...	...	458	358	§Water for non-perennial irrigation was allowed free *vide* Government Order No. A.-I.—11645, dated 28th July 1921.
108	899	925	779	8,711	42,590	
...	...	181	206	134	235	
...	...	...	...	100	761	
...	...	1	2	707	3,469	
5	41	...	...	107	613	
...	...	...	...	462	2,527	
...	...	...	...	...	...	
29	188	164	656	4,298	31,515	
1	7	122	448	2,016	16,282	
21	222	85	327	1,655	12,790	
177	1,155	510	3,207	7,648	42,045	
6	28	...	...	694	1,252	
...	...	402‖	1,291‖	402‖	1,291‖	‖ This represents area in the basin of Lake Beale let out for cultivation and the assessment charged thereon. The area cannot be classified in respect of different crops.
146	563	4,770	19,876	30,201	3,49,201	
65	216	3,665	14,372	26,023	2,41,036	
139	1,014	7,680	20,003	18,061	91,224	
...	...	...	...	253	694	
220	1,675	8,804	22,236	31,923	1,99,001	
166	1,105	5,549	18,150	{26,403 28**}	2,75,870††	** This represents an area indirectly irrigated by underground percolation from the Muthu Right Bank Canal and hence it cannot be classified in respect of different crops. The revenue derived therefrom is Rs. 52. †† Remission of Rs. 8 had to be granted for erroneous charges made.
23	229	22,805	45,259	75,024	6,75,243‡‡	‡‡ Remission of Rs. 11 had to be granted for erroneous charge made.
...	...	97	107	97	107	
...	...	233	704	1,834	5,454	
...	...	486	1989	1,516	6,522	
2,033	12,646	58,694	1,71,952	2,76,916 28**	12,56,742	
...	6·22	...	2·92	...	8·16	
2,033	12,668	58,694	1,71,952	2,78,174 28**	12,61,857	
...	6·21	...	2·92	...	8·48	

STATEMENT

Statement showing operations of the year 1922-1923

Number.	Name of Work.	Amount of Estimate, Direct and Indirect.	Capital Outlay, Direct and Indirect.		Length of		Area under Command.	
			During 1922-1923.	To end of 1922-1923.	Canal.	Distributaries.	Gross.	Irrigable at present.
1	2	3	4	5	6	7	8	9
	Works for which Capital and Revenue Accounts are kept.	Rs.	Rs.	Rs.	Miles.	Miles.	Acres.	Acres.
	Productive.							
1	Gadikeri Tank	17,631	...	16,918	...	1·50	687	417
2	Mavinkop do.	34,384	...	33,504	...	2·79	872	617
3	Shabada Channel	(a) 66,534	...	66,534	18·00	0·37	3,000	2,000
	Total, Productive ...	1,18,449	...	1,16,956	18·00	4·86	4,559	3,034
	Unproductive.							
4	Háthmati and Khári Cut Canals combined	7,64,578† 6,10,329	1,961	18,18,729	21·00	58·30	44,744	8,000
5	Wángroli Tank	2,50,116	2,895	2,23,295	39·00	29·50	32,000	16,000
6	Tránza-Nagrámma Tanks ...	3,12,734	...	2,80,685	17·26	...	5,000	3,400
7	Sávli Tank	2,49,222	...	2,55,210	7·60	...	1,500	800
8	Sáhiat do.	1,86,782	...	1,84,029	8·25	1·32	4,700	3,000
9	Futcho do.	1,10,785	...	1,16,461	3·99	1·79	4,000	2,000
10	Lower Panjbra River Works ...	7,04,631†	...	4,68,621	...	45·00	13,117	13,627
11	Hartáia Tank	75,040	...	73,382	...	5·50	584	415
12	Mhasva do.	1,40,015	...	1,35,956	...	7·00	4,047	1,700
13	Jámda Canals	10,88,640	3,048	10,44,137	39·00	75·00	40,338	5,000
14	Bhátodi Tank	3,78,278	...	3,79,707	4·50	5·50	15,126	12,124
15	Ekruk do.	21,36,530†	...	13,40,386	48·00	1·68	17,152	16,941
16	Koregaon do.	43,049	...	39,189	3·75	...	2,894	1,050
17	Ashti do.	8,34,927	2,774	8,38,865	27·50	3·15	17,832	11,799
18	Páthri do.	6,72,856	...	6,42,846	4·66	3·33	5,000	2,500
19	Krishna Canal	16,60,866†	...	9,44,459	63·87	...	28,827	12,320
20	Mhasvad Tank	27,34,496†	...	20,86,916	68·25	43·36	129,045	24,840
21	Revári Canal	59,443	...	59,811	10·25	...	3,218	1,220
22	Upper Man River-Works ...	4,44,531	...	4,39,286	17·50	6·50	9,443	2,683
23	Yerla River Irrigation Works...	7,45,314	8,257	7,73,127	33·33	4·00	11,234	5,430
24	Chikhli Canal	57,415	...	57,443	6·50	...	1,571	1,078
25	Masni Tank	3,30,423	...	4,27,250	9·25	7·38	4,676	4,625
26	Muchkundi Tank	1,68,420	...	1,68,707	5·50	2·25	5,570	750
27	Gokák Canal, 1st Section and Storage Works	15,40,882	...	13,81,922	16·13	35·43	16,668	17,037
28	Dambal Tank	64,906	...	63,980	...	3·27	3,000	1,000
29	Modferi do.	31,705	...	31,392	...	5·64	1,916	600
30	Madag do.	2,40,407	...	1,67,598	9·00	...	2,851	1,345
31	Asundi do.	80,435	...	74,996	...	4·86	1,800	1,011
32	Dharma Canal	98,334	...	97,832	27·15	3·71	13,562	12,870
33	Kádva River Works ... { Wághad Tank ... / Pálkhed Canal ... / Ghar-Tumbat Canal / Wadali Canal ...	7,01,730† 4,66,402† 17,785† 63,461†	... ...	10,34,191	... 11·00 4·60 3·62	... 13·92‡	... 28,832 8,055 3,466	... 9,837 2,307 2,433
34	Chankápur Tank—Girna Left Bank Canal	20,37,033	8,761	20,43,464	18·31§	20·80§	29,162	8,500
35	Pravara River Works—Lákh Canal ..	7,60,764†	...	3,71,891	23·00	9·37	29,913	11,260
36	{ Lake Basin—Darna Dam ... ... / Godávari Right Bank Canal / Godávari Left Bank Canal	1,01,47,321	31,311	1,02,42,950	... 74·00 48·90§	... 42·25§ 15·25§	... 144,310 88,080	... 49,331 30,199
37	Pravara River Works—Pravara Right Bank Canal	(b)1,50,83,461	71,62,624	1,23,88,624	33·00§	13·90§	73,788	16,960¶
38	Parsul Tank	2,23,612	...	2,14,995	...	4·75	3,837	1,000
39	Pravara River Works—Pravara Left Bank Canal		...	3,47,550	59·12§	81·25§	126,044	28,760¶
40	Vatha Canals including Mátoba Tank	1,23,72,762† 2,10,500	...	66,39,953	88·00	84·00	104,787	20,050
41	Nira Canal including Shetphal Tank	89,49,307† 8,05,034†	20,897	66,20,885	106·79	139·00	274,447	117,480
42	Kásurdi Tank	45,590	...	45,590	...	1·75	597	150
43	Shirsuphal do.	2,32,582	...	2,24,568	...	12·50	4,500	1,800
44	Bhádalvádi do.	2,38,724	...	2,27,422	...	9·75	3,000	2,000
	Total, Unproductive ...	6,93,21,481	12,41,993	5,49,00,748	973·23	795·36	1,371,943	488,100
	Grand Total ...	6,94,39,930	12,41,993	5,50,17,704	991·23	800·22	1,376,502	491,134

(a) The capital outlay on the works to end of 1921-22 *vide* Government Resolution No. 1918, dated 9th June 1923.

(b) Includes the cost of the Pravara Left Bank Canal.

H.

in the Bombay Presidency, excluding Sind.

Rainfall.	Discharge of canal at head, cubic feet per second.	Area. Applied for	Area. Irrigated.	Amount of gross Assessment.	Realizations.	Working Expenses.	Net Revenue.	Remarks.
10	11	12	13	14	15	16	17	18
Inches.		Acres.	Acres.	Rs.	Rs.	Rs.	Rs.	
29·04	.....	...	.....	2,355	2,355	1,886	469	* Area under consolidated assessment.
42·34	0·23	...	361*	2,022	2,022	775	1,247	
17·63	Not taken.	1,235	1,258 975*	10,829	8,916	1,994	6,922	
...	.....	...	1,258 1,636*	15,206	18,293	4,635	8,658	
29·91	79·00	3,939	3,869	42,784	40,112	33,509	6,603	
34·29	89·00	13,193	6,016					
26·02	44·25	980	1,041	10,932	14,256	9,003	5,253	
25·92	.....	...	.....	1,104	1,205	2,931	—1,726	
26·32	50·72	1,359	1,489	5,491	11,520	6,522	4,998	
27·00	71·09	548	732	6,454	5,749	6,956	—1,207	
20·22	15·68	138	113	327		1,836	—1,509	
17·80	4·43	905	790	25,063	28,484	5,116	23,368	† Includes interest charges during construction.
			1,627*					
26·42	0·05	73	72	753	754	1,013	—259	
15·67	0·47	146	143	1,064	2,576	2,256	320	
23·38	36·16	1,365	1,928	14,678	16,881	6,354	10,027	
23·52	1·80	766	755	12,856	18,194	4,995	13,209	
10·44	15·61	615	1,524	1,55,873	1,59,043	19,249	1,39,793	
9·00	0·16	100	102	852	1,237	1,532	—295	
9·19	3·09	3,390	3,390	29,199	28,954	9,119	19,835	
15·67	.....	48	48	5,731	10,212	6,969	3,243	
26·76	51·38	10,344	6,518	55,902	66,004	22,226	43,778	
22·73	38·00	...(c)	8,994	62,990	57,478	20,662	36,816	(c) Information not available.
32·88	3·07	786	540	2,670	2,516	3,883	—1,367	
31·39	2·69	1,110	868	3,263	5,637	4,732	905	
30·30	6·78	5,602	2,842	11,975	20,976	2,495	—1,015	
30·49	.....	768	540	1,999	1,480	6,717	3,361	
17·15	3·15	3,804	2,836	8,654	10,078	1,569	—1,462	
19·24	.....	458	458	465	107			
18·13	38·02	8,346	8,711	63,276	76,002	13,767	62,245	
4·04	1·83	147	134 144*	2,206	2,377	2,389	—12	
17·34	3·16	133	100	738	271	1,250	—979	
19·74	7·76	718	707	3,724	3,177	2,343	834	
29·50	4·12	122	107 190*	1,357	1,583	676	907	
21·32	44·27	166	482 6,126*	53	—1,254	1,208	—2,462	
...	.....	...	.....					‡Owing to diversion of tail portion of Palkhed Canal the length of distributaries is diminished.
12·40	42·00	3,940	4,308	65,358	53,985	27,671	26,284	
10·52	12·00	1,720	2,016					
11·84	7·00	1,690	1,665					
9·73	47·00	7,551	7,648	42,966	35,266	27,050	8,216	§ As actually completed.
23·05	5·00	698	694	2,277	1,967	4,271	—2,304	
27·54	.....	402	402					
17·27	198·00	23,720	30,291	6,20,714	5,88,406	2,59,803	2,78,603	
17·27	103·00	13,093	20,023					
20·79	49·00	17,841	18,061	94,563	55,644	45,435	10,209	¶ The irrigable area as given in the second revised project of the Pravara River Works is 57,000 acres. This includes the old area "irrigable at present", viz., 11,280 acres under the Lakh Canal. The balance is distributed between the two Pravara Canals in proportion to their gross command.
4·72	3·00	105	253	766	5,404	1,527	3,877	
20·30	116·00	31,490	31,023	2,00,123	1,11,097	72,270	38,827	
24·92	179·00							
19·13	11·00		23,403	3,46,338	3,55,273	1,44,816	2,10,457	
23·78	297·00	Information not available.	231‡					‡‡ An area of 23 acres indirectly irrigated by under-ground percolation from the Muthe Right Bank Canal.
25·53	19·00		75,024	6,86,739	7,57,171	2,09,016	5,48,155	
12·26	.....		97	1,527	1,480	951	529	
29·49	3·00		1,334	5,683	3,659	2,945	714	
29·76	4·00		1,616	10,330	13,165	4,016	9,149	
...	.....	163,491	276,944 7,087*	26,10,102	25,31,992	10,14,774	15,17,218	
...	.....	163,636	278,302 8,723*	26,25,308	25,45,285	10,19,409	15,25,876	

STATISTICAL STATEMENTS

FOR

IRRIGATION WORKS, SIND, FOR THE YEAR 1922-23.

STATEMENT

Statement of Canals in the Indus Right Bank

	55, Construction of Irrigation, Navigation, Capital expenditure not							
	1-Productive.							
	Begari Canals District.			Ghar Canals District.		Shikarpur Canals District.		
	Desert Canal.	Unharweh.	Begari Canal.	Ghar Canal.	Sukkur Canal.	Canals in Rohri.	Sind Canal.	Rajib Chitti and Garang.
1	2	3	4	5	6	7	8	9
Source of supply of water ...	River Indus.	River Indus.	River Indus.	River Indus.	River Indus.	River Indus.	River Indus.	River Indus.
Minimum discharge of water C. ft. per second.	.....	.....	.....	.....	.....	.....	.....	...
Maximum discharge of Canal C. ft. per second.	4,695	9,472	7,153	10,937	3,343	2,964	3,840	940
Average annual rainfall ... Inches.	1·83	1·91	1·68	1·07	0·83	1·63	1·63	...
Gross area commanded ... Acres.	388,985	246,970	751,680	505,649	246,713	196,598	239,497	48,829
Culturable area commanded. "	388,985	214,056	630,524	395,944	109,118	146,498	191,098	48,500
Area irrigable by complete project ... ... "	129,660	112,025	340,260	250,000	90,000	82,968	111,382	35,300
Area irrigable at present ... "	129,660	112,025	340,260	250,000	90,000	82,968	111,382	35,300
Sanctioned Estimate.								
Direct charges ... ... Rs.	27,36,924	7,91,716	24,55,792	6,77,736	14,86,018	2,78,140	8,28,399	2,69,320
Indirect charges ... ... "								
Interest during construction. "	31,18,816	8,34,712	34,33,861	9,75,834	26,92,403	7,589	29,383	8,976
Total Estimate ... Rs.	58,55,740	16,26,428	58,89,653	16,53,570	41,73,416	2,85,799	8,57,782	2,78,296
Expenditure to end of 1922-23.								
Direct charges ... ... Rs.	26,56,621	7,70,854	23,86,873	6,32,369	14,18,305	2,02,723	8,18,182	2,65,258
Indirect charges ... ... "	80,054	20,862	78,919	34,853	63,006	3,754	10,217	3,840
Interest during construction. "	31,18,816	8,34,712	34,33,861	9,75,834	26,92,403	7,589	29,383	8,976
Total Expenditure ... Rs.	58,55,491	16,26,428	58,89,653	16,42,556	41,73,714	2,14,066	8,57,782	2,78,074
Works as now sanctioned.								
Main canals irrigation ... Miles.	91	34	78	39	72	109	40	23
Branch canals ... ... "	199	82	114	125	56	11	93	...
Distributaries ... ... "	39	5	52	146	15	.....	.....	...
Of above—								
Navigable canals ... Miles.	4	.....	58	103	.....	.....	.....	...
Works completed at end of 1922-23.								
Main canals irrigation ... Miles.	91	34	78	39	72	109	40	23
Branch canals " ... "	199	82	114	125	56	11	93	...
Distributaries ... ... "	39	5	52	146	15	.....	.....	...
Of above—								
Navigable canals ... Miles.	4	.....	58	103	.....	.....	.....	...

I-A.

Division for the year 1922-23.

Embankment and Drainage works, charged to Revenue.									15, Other Revenue expenditure financed from ordinary Revenues—(1) Works for which only Revenue accounts are kept.
					2-Unproductive.				
Karachi Canals District.					Shikarpur Canals District.	Karachi Canals District.			
Kalri Canal.	Indus Canals Right Bank.	Pinyari.	Indus Canals Left Bank.	Total.	Mahiwah.	Sattah.	Baghar.	Total.	Western Nara District.
10	11	12	13	14	15	16	17	18	19
River Indus.	River Indus.	River Indus.	River Indus.		Gudu Dhand *ex*-River Indus.	River Indus.	River Indus.		River Indus.
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1,191	1,206	3,783	5,675	.....	2,069	1,686	8,581	.....	.....
2·5	2·8	2·70	2·56	.....	.....	2·20	1·83	.....	1·85
59,356	194,000	191,600	104,244	3,167,121	200,251	86,971	112,057	349,279	990,586
40,317	173,701	185,600	84,048	2,712,336	145,445	34,294	95,301	275,040	702,046
40,000	150,000	180,000	80,000	1,601,595	99,000	30,000	90,000	219,000	405,311
40,000	150,000	180,000	80,000	1,601,595	99,000	30,000	90,000	219,000	397,696
73,949	88,760	6,36,575	2,58,938	1,05,91,562	23,24,049	1,30,079	2,35,934	27,50,082	.....
2,483	3,835	21,957	9,364	1,11,29,238	9,75,175	1,09,258	7,810	10,92,243	.....
75,737	92,615	6,58,532	2,68,302	2,17,20,800	33,099,24	2,89,337	2,43,714	38,42,275	.....
71,218	86,927	6,03,453	2,52,978	1,01,66,791	14,18,103	1,74,028	2,30,870	18,23,001	.....
1,370	1,833	15,781	5,960	3,12,940	59,581	6,051	5,034	70,666	.....
2,488	3,855	21,957	9,364	1,11,29,238	9,75,175	1,09,258	7,810	10,92,243	.....
75,076	92,615	6,41,221	2,68,302	2,16,14,978	24,52,859	2,89,337	2,43,714	29,85,910	.....
23	102	71	113	795	29	32	93	154	343
66	8	328	80	1,162	178	5	66	249	311
.....	.....	.....	.....	257	87	.....	.....	87	7
.....	9	25	37	236	.....	4	93	97	269
23	102	71	113	795	29	32	93	154	343
66	8	328	80	1,162	178	5	66	249	311
.....	.....	.....	.....	257	87	.....	.....	87	7
.....	9	25	37	236	.....	4	93	97	269

STATEMENT

Statement of Canals in the Indus

55. Construction of Irrigation, Navigation, Embankment and Drainage Works—

(1) Productive

	Jámrão Canals District.	Eastern Nára District.						
	Jámrão Canal.	Nára Supply Channel.	Eastern Nára.	Mithrão Canal.	Thár Canal.	Khipro Canal.	Hirkí Canal.	Total.
1	2	3	4	5	6	7	8	9
Source of supply of water	Eastern Nára.	Indus.	Nára Supply Channel.	Eastern Nára.	Eastern Nára.	Eastern Nára.	Eastern Nára.	...
Minimum discharge of River... C. ft. per second.	.....	(g) 32,449	...	...	...	...	...	...
Maximum discharge of Canal .. ,, ,,	3,227	...	...	2,800	1,400	200	250	...
Average annual rainfall ... ... Inches.	7·82	...	...	3·03	5·47	...	3·74	...
Gross area commanded ... ... Acres.	370,350	151,400	789,991	437,551	168,044	35,743	55,480	1,632,229
Cultivable area commanded ... ... ,,	306,884	25,000	497,312	413,008	136,000	33,845	47,243	1,152,908
Area irrigable annually by complete project . ,,	300,000	12,200	90,900	143,500	50,000	8,000	15,700	320,300
Area irrigable at present ... ... ,,	274,888	12,000	58,400	182,000	50,000	8,000	20,000	280,400
Sanctioned Estimate.								
Direct charges ... ... Rs.	91,77,173	...	...	...	...	...	...	92,90,091
Indirect charges ... ... ,,								
Interest during construction ... ... ,,	73,42,621	...	...	...	...	...	...	1,14,03,783
Total Estimate ... Rs.	1,65,19,794	...	...	...	...	...	...	2,06,93,873
Expenditure to end of 1922-23.								
Direct charges ... ... Rs.	92,97,036	...	...	...	...	...	...	78,48,365
Indirect charges ... ... ,,	2,53,470	...	..	...	...	...	...	2,76,940
Interest during construction ... . ,,	73,42,621	...	...	...	...	...	...	1,14,03,782
Total Expenditure .. Rs.	1,69,33,127	...	...	...	...	...	...	1,95,29,087
Works as now sanctioned.								
Main Canals Irrigation ... . Miles.	118	12	(b) 320	97	24	15	19	487
Branch Canals ... ... ,,	58	...	...	49	48	...	22	119
Distributaries ... ... ,,	(a) 503½	...	...	(c) 76	18	...	13	107
Of the above—								
Navigable Canals ... ... Miles.	.....	12	320	92	...	...	...	424
Works completed to end of 1922-23.								
Main Canals Irrigation ... ... Miles.	118	12	(b) 320	97	24	15	19	487
Branch Canals ... ... ,,	58	...	...	49	48	...	22	119
Distributaries ... ... ,,	(a) 503½	...	..	(c) 76	18	...	13	107
Of the above—								
Navigable Canals ... ... Miles.	.....	12	320	92	...	..	...	424

(a) The increase is due to excavation of new distributary ex. 106th Mile Jamrao Canal called Badhani Minor.
(b) Practically a river.
(c) Increase due to Sintor Minor constructed during 1922-23.
(d) Increase due to Jakri Dhand added in this and taken out from Nasirwah as it feeds now only the Sarfrazwah.
(e) Increase due to new mouth given to Ghare Right—branch of Sarfrazwah.
(f) Decrease due to Jakri Dhand added in Sarfrazwah as this Dhand does not now feed the Nasirwah.
(g) Minimum Discharge of Indus at Sukkur.
(h) Do. do. at Kotri.
(i) Includes 38 miles of Ren. Distributary ex. Dad Canal.

I-A.

Left Bank Division for the year 1922-1923.

Capital Expenditure not charged to Revenue.								(2) Unproductive.			15. Other Revenue Expenditure financed from ordinary revenue. A-Irrigation Works (i) Works for which only Revenue accounts are kept.		
Hyderabad Canals District.				Fuleli Canals District.			Nasrat Canals District.	Nasrat Canals District.			Nasrat Canals District.	Hyderabad Canals District.	Fuleli Canals District.
Alibahar Kacheri.	Great Marak.	Sarfraz.	Total.	Fuleli Canal.	Hasanali Canal.	Total.	Naulakhi*	Dad Canal.	Nasrat Canal.	Total.	Total.	Total.	Total.
10	11	12	13	14	15	16	17	18	19	20	21	22	23
Indus.	Indus.	Indus.	...	Indus.	Indus.	..	Indus.	Indus.	Indus.	...	...	...	...
(g) 32,449	(g) 32,449	(g) 32,449	..	(h) 34,605	(h) 34,605	...	(g)32,449	(g) 32,449	(g) 32,449	...	(g)32,449	(g) 32,449	(h)34,605
396	1,774	718	...	10,000	1,000	...	...	4,296	2,880	...	...	...	...
4·90	4·12	2·97	...	2·18	3·9	...	...	2·79	1·67	..	...	...	4·9
68,678	177,822	107,225	353,936	1,709,000	144,000	1,847,000	Not available	682,297	383,700	1,065,997	700,000†	495,568	147,800
52,055	145,836	68,720	266,613	956,130	102,131	1,058,330	162,189	367,597	323,163	690,760	185,710	469,218	32,218
18,300	73,929	40,800	133,029	400,000	21,000	421,000	45,900	156,685	104,100	260,785	65,900	215,800	35,000
18,300	73,929	40,800	133,029	400,000	19,000	419,000	45,900	121,285	83,000	203,285	2',700	215,800	30,000
1,07,169	4,65,683	1,24,680	5,87,532	28,83,449	3,04,805	31,88,254	12,62,554	26,99,095	18,66,324	45,53,419	...	...	...
52,437	4,17,710	2,25,922	6,97,069	31,22,153	1,91,498	33,13,651	3,478	19,21,033	12,82,228	32,03,261	...	...	...
1,59,606	8,73,393	3,50,602	13,84,601	60,05,602	4,96,303	65,01,905	12,66,032	46,13,128	31,48,552	77,61,680	..	...	..
1,03,480	4,27,672	1,18,559	6,49,661	25,50,259	2,89,929	28,40,188	5,112	25,85,578	18,06,847	43,92,425	...	...	...
3,739	15,897	6,121	25,757	97,374	14,876	1,12,150	33	94,602	58,206	1,52,808	...	...	...
53,437	4,17,710	2,25,922	6,97,069	31,22,153	1,91,498	33,13,651	3,478	19,21,033	12,82,228	32,03,261	...	...	...
1,60,606	8,61,279	3,50,602	13,72,487	57,69,696	4,96,302	62,65,999	8,623	46,01,213	31,47,281	77,43,494	...	..	...
26	24	(d) 80	130	100	32	132	*28	87	79	166	82	188	65
32	146	(e) 35	213	875	46	921	81	197	187	384	59	(f) 437	69
...	...	...	...	28	14	42	15	(e) 180	69	199	...		4
22	22	30	74	328	39	367	...	...		...	...	105	10
26	24	(d) 80	130	100	32	132	28	87	79	166	82	135	65
32	146	(e) 35	213	875	46	921	81	197	187	384	59	(f) 437	69
	..	...	...	28	14	42	15	(e) 180	69	199	...		4
22	22	30	74	328	39	367	...	...		...	...	105	10

Note.—The variations from last year's figures in the culturable area commanded are due to revised figures reported by the Revenue authorities.

* Naulakhi Canal has been transferred from '15' to "55"—Productive.

† Inclusive of Naulakhi Canal.

STATEMENT

Capital Account of Irrigation Works

Name of Work.	During Year.									
	Direct Charges.						Indirect Charges.			
	Works.	Establishment.	Tools and Plant.	Total.	*Deduct* Receipts on Capital Account.	Total.	Capitalization.	Leave and Pension Allowances.	Audit and Accounts.	Total.
1	2	3	4	5	6	7	8	9	10	11
PRODUCTIVE.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1. Desert Canal	1,098	199	23	1,320	..	1,320	...	23	17	39
2. Unharwáh	2,332	424	48	2,804	...	2,804	...	59	23	82
3. Begári Canal	-1,015	-184	-21	-1,220	...	-1,220	...	-26	-10	-36
4. Eastern Nára Works	4,90,538	1,08,428	9,532	6,08,008	...	6,08,008	3,227	15,180	4,906	23,313
5. Jamráo Canal	3,84,842	76,993	7,733	4,69,068	...	4,69,068	...	10,779	3,843	14,622
6. Fukkur do.	35,189	6,389	725	42,253	...	42,253	...	894	351	1,245
7. Ghar do.	23,433	4,260	484	28,177	...	28,177	...	596	234	830
8. Alibhar Kacheri Canal	...	...	...	...	...	...	...	...	...	...
9. Márak Great Canal	6,523	2,290	103	8,916	...	8,916	...	331	65	396
10. Sarfraswah	...	...	...	...	...	...	...	...	...	...
11. Fuleli Canal	1,93,958	64,573	2,913	2,61,444	...	2,51,444	813	9,040	1,840	11,093
12. Husanali do.	...	...	...	...	...	...	...	...	...	...
13. Naulakhi do.	...	...	...	...	...	...	...	...	...	...
14. Kalri do.	747	136	15	898	...	898	...	19	7	26
15. Pinyari do.	11,101	2,018	229	13,348	...	13,348	...	283	111	394
16. Indus Canal Right Bank	...	...	...	...	...	...	...	...	...	...
17. Indus Canal Left Bank	...	...	...	...	...	...	...	...	...	...
18. Sind Canal	...	...	...	...	...	...	...	...	...	...
19. Rajib, Chhi and Garang	...	...	...	...	...	...	...	...	...	...
20. Canals in Rohri	...	...	...	...	...	...	...	...	...	...
21. Chhi Canal	4,775	868	99	5,742	...	5,742	...	122	48	170
22. Lloyd Barrage	2,33,788	1,62,113	18,811 -43(a)	4,14,614	204	4,14,410	...	22,696	2,837	25,533
23. Garkino	19,038	3,460	393	22,886	...	22,886	...	484	190	674
24. Arore Canal	11,114	2,038	...	13,454	...	13,454	...	285	111	396
Total	14,06,916	4,34,005	41,439 -43(a)		204	18,82,103	4,045	60,760	14,067	78,872
UNPRODUCTIVE.										
25. Mahiwáh	7,400	1,272	144	8,816	...	8,816	...	178	74	252
26. Lád Canal	14,643	5,140	232	20,015	...	20,015	...	720	146	866
27. Nasrat do.	2,051	720	32	2,803	...	2,803	...	101	21	122
28. Sattah do	...	...	...	...	...	...	...	...	...	...
29. Baghar do	...	...	...	...	...	...	...	...	...	...
30. Scharwah	-534	-92	-10	-636	...	-636	...	-13	-5	-18
Total	23,560	7,040	393	30,998	...	30,998	...	986	236	1,222
GRAND TOTAL	14,30,476	4,41,045	41,837 -43(a)	19,13,310	204	19,13,105	4,045	61,746	14,303	80,094

(a) Suspense Account.

I-B.

in Sind for, and to end of, 1922-1923.

	To end of Year.										
	Direct Charges.						Indirect Charges.				
Grand Total.	Works.	Establishment.	Tools and Plant.	Total.	*Deduct* Receipts on Capital Account.	Total.	Capitalization.	Leave and Pension Allowances.	Audit and Accounts.	Total.	Grand Total.
12	13	14	15	16	17	18	19	20	21	22	23
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1,359	21,45,232	4,55,972	25,454	26,56,658	37	26,56,621	2,284	77,759	11	80,054	27,36,675
2,886	6,33,554	1,34,903	2,397	7,70,854	...	7,70,854	1,963	18,886	23	20,862	7,91,716
-1,256	20,24,407	3,57,259	5,226	23,86,892	19	23,86,873	17,991	61,055	-67	78,919	24,65,792
6,21,921	61,26,884	15,66,502	85,055	78,46,541	176	78,43,365	6,785	2,63,262	5,893	2,75,940	81,24,305
4,83,690	74,94,845	16,08,058	1,90,598 (a)4,606	92,98,017	961	92,97,036	54,147	2,25,128	4,195	2,83,470	95,80,506
43,498	11,84,289	2,19,750	14,426	14,18,465	160	14,18,305	20,466	42,189	351	63,006	14,81,311
39,007	5,17,782	1,10,392	4,195	6,32,369	...	6,32,369	13,954	19,987	412	34,353	6,66,722
...	79,126	23,666	636	1,03,430	...	1,03,430	...	3,527	212	3,739	1,07,169
9,302	3,36,302	87,962	3,488	4,27,752	80	4,27,672	1,554	14,278	65	15,897	4,43,569
...	1,08,432	15,097	30	1,18,559	...	1,18,559	3,102	3,019	...	6,121	1,24,680
2,63,142	20,40,063	4,26,025	14,685	25,80,773	504	25,80,269	15,230	78,918	3,131	97,274	26,47,543
...	2,36,342	49,286	5,301	2,89,929	...	2,89,929	7,976	6,900	...	14,876	3,04,805
...	4,876	236	...	5,112	...	5,112	...	33	...	33	5,145
924	61,370	9,738	110	71,218	...	71,218	...	1,363	7	1,370	72,588
13,742	4,89,515	1,11,916	2,052	6,03,483	...	6,03,483	...	15,670	111	15,781	6,19,264
...	73,467	13,087	373	86,927	...	86,927	...	1,833	...	1,833	88,760
...	2,09,896	42,557	525	2,52,978	...	2,52,978	...	5,960	...	5,960	2,58,938
...	7,44,183	72,955	1,044	8,18,182	...	8,18,182	...	10,217	...	10,217	8,28,399
...	2,23,447	26,239	-170	2,49,516	...	2,49,516	...	3,670	...	3,670	2,53,186
...	1,47,284	19,175	-76	1,66,383	...	1,66,383	...	2,684	...	2,684	1,69,067
5,912	4,775	863	99	5,742	...	5,742	...	122	48	170	5,912
4,39,443	3,69,845	3,15,038	1,10,392	7,94,776	269	7,94,507	...	44,106	3,675	47,781	8,42,288
23,560	19,033	3,460	393	22,886	...	22,886	...	481	190	674	23,560
13,850	11,114	2,038	302	13,454	...	13,454	...	285	111	396	13,850
19,60,930	2,53,59,664	57,72,181	4,66,445 (a)4,606	3,16,02,896	2,226	3,16,00,670	1,45,382	9,01,380	18,368	10,65,080	3,26,65,750
9,068	11,34,921	2,45,149	9,644	13,89,714	6	13,89,708	24,640	34,321	74	59,044	14,48,752
20,881	21,87,718	3,78,385	19,509	25,85,612	34	25,85,578	41,453	53,975	174	94,602	26,80,180
2,925	15,46,959	2,53,168	6,878	18,07,005	158	18,06,847	23,749	35,442	15	58,206	18,65,053
...	1,40,133	31,819	2,076	1,74,028	...	1,74,028	1,597	4,454	...	6,051	1,80,079
...	1,94,567	35,968	335	2,30,870	...	2,30,870	...	5,034	...	5,034	2,35,904
-654	24,126	3,892	377	28,395	...	28,395	...	545	-8	537	28,932
32,220	53,28,424	9,48,381	38,819	62,15,624	198	62,15,426	90,448	1,33,771	255	2,28,474	64,88,900
19,93,200	3,05,88,088	67,20,562	5,05,264 (a)4,606	3,78,18,520	2,424	3,78,16,096	2,35,830	10,34,101	18,623	12,88,554	3,91,04,650

(a) Suspense Account.

F. de Ga,
Assistant Accounts Officer.

STATEMENT

Statement showing the Financial Results of Irrigation

Realizations under main heads of

	Works.	Revenue (Actual Receipts). Irrigation. Direct. Water rates directly paid.	Indirect. Share of Land Revenue.	4 per cent. on 9/10 ths of proceeds from sale of occupancy rights in waste or other lands up to end of year.	Total.	Total.	Plague.	Miscellaneous.	Total.	Less—Refunds of revenue.	Gross revenue less refunds.	Deduct—Share due to old irrigation.	Total revenue due to improvement.	Revenue Management. Establishment. Direction.	Executive.	Civil Officers.	Total Revenue Management.
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	PRODUCTIVE.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1	Desert Canal	1,10,031	4,63,868	2,324	4,66,192	5,66,193	100	6,106	5,72,399	...	5,72,399	...	5,72,399	...	23,011	27,449	50,460
2	Unharwah	261	2,49,330	3,114	2,53,444	2,53,705	61	1,992	2,54,438	...	2,54,438	...	2,54,438	...	8,337	15,049	23,386
3	Begari Canal	29,600	7,94,443	10,183	8,04,626	8,37,226	99	5,311	8,42,563	147	8,42,421	83,513	8,09,908	...	46,085	49,833	95,918
4	Eastern Nara Canal	4,115	5,35,569	5,645	5,41,227	5,55,343	369	10,647	5,46,319	30	5,46,289	3,444	5,42,925	...	60,980	31,973	92,953
5	Jamrao Canal	1,869	8,23,778	77,949	9,00,730	9,02,599	633	20,858	9,24,077	189	9,23,918	...	9,23,918	...	1,40,691	28,094	1,68,785
6	Sukkur Canal	1,388	3,08,041	993	3,08,934	3,10,822	8	3,433	3,18,763	...	3,18,763	84,805	2,33,957	...	15,584	22,060	37,644
7	Ghar Canal	5,329	10,32,994	7,632	10,40,561	10,45,840	473	11,373	10,57,685	...	10,57,685	1,35,513	9,22,172	...	37,122	67,362	1,04,488
8	Alibhar Kacheri Canal	963	27,556	840	28,399	29,362	...	567	29,919	...	29,919	17,505	12,414	...	2,226	2,210	4,436
9	Marak Great Canal	4,141	1,94,445	3,551	1,97,996	2,02,137	120	2,997	2,05,254	...	2,05,254	69,437	1,35,817	...	17,000	14,238	31,238
10	Sarfraswah	3,031	55,290	1,355	57,275	60,306	49	1,309	61,656	...	61,656	16,805	44,850	...	5,720	4,388	10,078
11	Fuleli Canal	45,617	8,97,650	21,436	9,19,086	9,64,703	191	21,977	9,86,671	869	9,85,809	2,44,649	7,41,160	...	79,884	66,486	1,46,370
12	Hasanali Canal	150	44,971	746	45,717	45,867	...	475	46,343	...	46,343	5,918	40,425	...	3,605	3,744	11,349
13	Nanlakhi Canal	435	1,47,639	718	1,48,357	1,48,792	...	442	1,49,234	...	1,49,234	...	1,49,234	...	9,203	8,884	18,087
14	Kalri Canal	210	43,697	633	44,330	44,540	...	465	45,005	...	45,005	...	45,005	...	...	2,634	2,634
15	Pinyari Canal	250	2,64,067	6,015	2,69,973	2,69,923	342	4,164	2,73,829	...	2,73,829	...	2,73,829	...	...	15,870	15,870
16	Indus Canals Right bank.	269	67,768	1,992	69,778	69,977	...	93	70,069	...	70,069	...	70,069	...	...	4,068	4,068
17	Indus Canals Left bank	593	1,07,092	2,289	1,09,481	1,10,183	...	992	1,10,605	...	1,10,605	...	1,10,605	...	...	6,466	6,466
18	Sind Canal	2,999	3,19,754	8,605	3,31,853	3,34,192	9	1,817	3,36,018	...	3,36,018	...	3,36,018	...	...	19,383	19,383
19	Rajib, Chiti & Garang	614	1,05,038	2,010	1,04,069	1,04,682	...	849	1,05,531	...	1,05,531	...	1,05,531	...	...	6,161	6,161
20	Canals in Kohrt	1,529	1,64,389	4,644	1,69,033	1,71,055	11	2,453	1,73,519	...	1,73,519	...	1,73,519	...	...	9,957	9,957
21	Chiti Canal (a)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	Lloyd Barrage (a)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	Garkino Canal (a)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	Arore Canal (a)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total, Productive	2,16,147	66,17,403	1,61,628	67,79,031	69,95,178	2,299	97,963	70,95,540	1,176	70,94,382	5,03,588	64,90,774	...	4,48,094	4,02,836	8,50,930
	UNPRODUCTIVE.																
25	Mahiwah	2,063	1,50,437	4,174	1,54,611	1,56,664	93	3,656	1,70,340	...	1,70,340	1,10,497	59,843	...	...	12,234	12,234
26	Dad Canal	2,273	3,27,472	9,157	3,36,629	3,39,005	490	1,090	3,40,495	...	3,40,495	(b)83,908	2,56,587	...	...	22,762	22,762
27	Nasrat Canal	206	2,29,205	14,499	2,43,704	2,43,910	428	921	2,44,830	309	2,44,520	72,954	1,71,566	...	...	14,610	14,610
28	Sultah Canal	19	36,414	967	37,381	37,400	...	31	37,431	...	37,431	16,145	21,286	...	...	2,343	2,343
29	Baghar Canal	1,153	73,854	1,637	74,391	75,544	121	3,365	79,030	...	79,030	...	79,030	...	...	4,441	4,441
30	Seharwah (a)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total, Unproductive	5,809	8,56,382	30,534	8,66,716	8,82,525	968	8,663	8,72,156	309	8,71,856	2,83,504	5,88,452	...	...	56,391	56,391
	Grand Total	2,21,956	74,73,785	1,91,962	76,35,747	78,77,703	3,267	1,06,626	79,67,696	1,485	79,66,238	5,86,992	70,79,226	...	4,48,094	4,59,473	9,06,487
	Works for which only Revenue accounts are kept.	15,674	19,99,091	25,415	14,24,516	14,40,090	1,030	18,065	14,59,185	...	14,59,185	...	14,59,185	...	...	84,967	84,967

(a) Under construction.
(b) The amount of Rs. 6 on account of refunds of revenue is deducted from Gross Revenue Rs. 83,913 and net revenue shown here.

I.-C.

Works in Sind for the year ended 31st March 1923.

Revenue and Working Expenses.

Working Expenses.															Net Revenue.	
Maintenance and Repairs.										*Deduct*—Old maintenance charges.						
Establishment.																
Direction.	Executive.	Total.	Works.	Repairs.	Sundries.	Plantations.	Tools and Plant.	Total cost of Maintenance.	Indirect charges.	Grand Total Working Expenses.	Direct.	Indirect.	Total.	Total Working Expenses on Improvements.	Total.	Due to improvements.
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
...	23,012	23,012	893	1,26,117	...	1,051	2,613	2,59,193	7,709	2,10,366	...	...	...	2,10,366	3,62,023	3,62,023
...	8,833	8,833	...	48,187	...	423	1,004	58,452	2,961	55,299	...	...	...	55,299	1,52,139	1,52,139
...	46,055	46,055	4,153	2,46,311	— 515	787	5,721	3,04,404	15,471	4,15,423	5,757	2	5,759	4,09,674	4,27,986	4,03,184
...	50,931	50,931	5,549	1,17,494	— 322	2,969	8,951	2,48,122	18,970	3,50,045	344	...	344	3,49,701	1,53,324	1,53,324
...	23,471	23,471	51,447	2,23,452	— 725	4,657	5,325	3,29,590	57,629	5,84,064	...	...	...	5,84,064	3,39,854	3,30,854
...	15,563	15,563	2,284	80,414	— 24	2,476	1,854	1,03,067	6,131	1,45,592	13,256	106	13,362	1,32,230	1,07,871	96,437
...	37,193	37,193	1,217	9,00,128	...	2,925	4,216	2,45,529	19,925	3,68,940	15,680	151	15,841	3,54,099	5,77,974	5,77,974
...	2,295	2,295	...	5,227	...	215	103	8,901	645	14,249	9,075	188	9,266	4,976	15,077	7,439
...	17,001	17,001	1,447	44,695	...	2,294	757	66,200	5,105	1,02,596	22,972	497	23,469	79,128	1,02,696	66,624
...	8,790	8,790	...	16,796	...	699	261	29,546	1,740	34,354	7,651	170	7,821	26,543	27,992	16,307
...	73,884	73,884	13,103	1,52,919	— 4,612	1,518	3,348	3,70,054	29,069	4,40,718	1,14,256	2,096	1,16,351	3,24,366	5,45,092	4,15,503
...	5,606	5,606	969	23,550	...	...	388	33,509	3,630	47,488	3,330	78	3,408	44,080	— 1,146	— 3,504
...	9,309	9,309	276	25,676	...	279	415	35,854	2,240	56,795	...	...	...	56,795	22,443	22,443
...	6,883	6,883	305	37,553	— 23	...	404	45,523	1,343	49,499	...	...	...	49,499	— 4,494	— 4,494
...	21,643	21,643	16,178	1,09,869	— 52	...	2,510	1,49,148	4,220	1,63,036	...	...	...	1,63,036	1,10,690	1,10,690
...	3,913	3,913	...	21,923	...	...	444	25,880	763	30,753	...	...	...	30,753	39,334	39,334
...	7,573	7,573	10,974	20,778	— 33	...	899	50,055	1,477	58,048	...	...	...	58,048	22,647	22,647
...	13,347	13,347	5,131	61,733	...	...	1,402	81,613	2,408	1,03,009	...	...	...	1,03,009	2,23,009	2,23,009
...	3,141	3,141	...	17,377	...	...	357	20,775	613	27,549	...	...	...	27,549	77,482	77,482
...	14,662	14,662	481	80,167	— 2,675	...	4,540	96,975	9,859	1,09,791	...	...	...	1,09,791	63,736	63,736
...	...	...	...	...	...	...	...	.....	...	.....	...	...	...	.....	...	...
...	...	...	...	...	...	...	...	.....	...	.....	...	...	...	.....	...	...
...	...	...	...	...	...	...	...	.....	...	.....	...	...	...	.....	...	...
...	...	...	...	...	...	...	...	.....	...	.....	...	...	...	.....	...	...
...	4,70,970	4,70,970	1,12,436	17,68,904	— 3,155	20,308	40,913	24,04,674	1,47,338	34,02,109	1,66,389	3,238	2,01,617	32,00,576	35,99,170	32,90,199
...	19,992	19,992	— 64	67,177	...	320	1,522	81,007	2,990	98,421	21,007	273	21,280	74,141	74,219	— 14,228
...	33,803	33,803	933	1,00,067	— 44	9,924	1,794	1,51,097	6,360	1,89,146	44,071	1,133	45,209	1,34,937	1,66,849	1,21,680
...	30,923	30,923	25	83,951	...	5,118	1,855	1,30,422	5,101	1,66,133	19,835	463	19,803	1,39,316	1,04,437	51,291
...	2,643	2,643	...	14,638	...	...	300	17,481	453	20,277	5,093	225	5,218	15,059	17,154	10,237
...	6,660	6,660	1,700	35,042	— 169	...	993	44,181	1,303	49,984	...	...	...	49,984	22,106	22,106
...	...	...	...	...	...	...	...	.....	...	.....	...	...	...	.....	...	...
...	91,311	91,311	2,594	2,99,725	— 212	14,979	5,200	4,14,263	15,406	4,58,891	89,426	2,069	91,495	3,50,976	3,55,965	1,39,076
...	5,62,281	5,62,281	1,10,630	20,68,629	— 9,368	35,278	46,092	28,18,942	1,62,644	38,58,083	2,91,315	5,317	2,97,132	35,60,951	40,76,135	34,29,274
...	1,17,734	1,17,734	20,633	4,70,545	— 37,976	...	9,779	5,80,901	21,294	6,57,162	...	...	...	6,57,162	7,12,923	7,12,923

P. de Ga,
Assistant Accounts Officer.

STATEMENT

Statement showing the Financial Results of Irrigation

No.	Name of works.	Mileage in operation.		General Financial results to end of				
		Main canals and branches.	Distributaries.	Estimated cost of construction (direct and indirect).	Date of completion of work (P. W. Code 11, 1918).	Date when system first came into operation.	Total Capital outlay (direct and indirect).	Accumulated arrears of interest.
1	2	3	4	5	6	6a	7	8
		Miles.	Miles.	Rs.	Date.	Date.	Rs.	Rs.
	PRODUCTIVE.							
1	Desert Canal	290·00	30·00	27,36,024	1891-92	1872-73	27,36,675	.....
2	Unharwah Canal	116·00	5·00	7,91,716	1890-91	1885-86	7,91,716	.....
3	Bogári Canal	192·00	52·00	24,65,792	1890-91	1855-56	24,65,792	.....
4	Eastern Nára Canal	658·62	...	92,90,691	1897-98	1854-55	81,24,505	.....
5	Jamrao Canal	190·00	503·50	91,77,173	1901-02	1900-01	90,80,606	.....
6	Sukkur do.	126·10	14·72	14,86 013	1895-96	1870-71	14,81,311	.....
7	Ghár do.	163·85	145·98	6,77,736	1878-79	1856-57	6,66,722	.....
8	Allahbar Kacheri Canal	5·50	...	1,07,169	1875-76	1873-74	1,07,169	.....
9	Marak Grant Canal	109·00	...	4,55,683	1881-82	1873-74	4,43,569	.....
10	Sarfarwah	115·43	...	1,24,980	1875-76	1873-74	1,24,980	.....
11	Fuleli Canal	1,053·00	...	28,83,149	1892-93	1861-62	26,47,648	.....
12	Hasanali do.	92·00	...	3,04,806	1906-07	1903-04	3,04,806	.....
13	Nawabshah do.	109·90	14·68	12,62,554	Not completed.		5,145	.....
14	Kalri Canal	89·00	...	78,249	1921-22	1922-23	79,588	6,982
15	Pinyari Canal	399·00	...	6,86,575	1921-22	1922-23	6,19,264	.....
16	Indus Canals Right Bank ...	110·00	...	88,760	1921-22	1922-23	88,760	.....
17	Indus Canals Left bank ...	138·00	...	2,58,988	1921-22	1922-23	2,58,988	.....
18	Sind Canal	138·00	...	8,88,399	1921-22	1922-23	8,88,399	.....
19	Rajik, Chitti and Garang... ...	28·00	...	2,63,186	1921-22	1922-23	2,63,186	.....
20	Canals in Kohri	120·00	...	1,69,067	1921-22	1922-23	1,69,067	.....
	WORKS UNDER CONSTRUCTION.							
21	Chitti Canal	...	...	6,134	Under construction.		5,912	157
22	Lloyd Barrage	...	...	(a)11,04,499	Under construction.		3,42,288	44,445
23	Garkino	...	...	94,736	Under construction.		23,560	627
24	Arore Canal	...	...	14,337	Under construction.		13,850	389
	Total, Productive ...	4,339·30	775·06	5,53,01,685	...	...	3,26,65,750	52,580
	UNPRODUCTIVE.							
25	Mahiwah	207·00	87·00	14,54,524	1922-23	1901-02	14,45,752	11,15,600
26	Dád Canal	322·53	91·46	26,92,095	1906-07	1901-02	26,80,180	8,13,585
27	Nasrat do.	216·18	69·12	18,66,324	1906-07	1903-04	18,55,053	4,10,617
28	Sehwah do.	37·00	...	1,80,079	1909-10	1904-05	1,80,079	45,630
29	Bagher do.	159·00	...	2,35,904	1921-22	1922-23	2,35,904	.....
	WORKS UNDER CONSTRUCTION.							
30	Scharwah	...	...	8,73,535	Under construction.		28,932	5,098
	Total, Unproductive ..	941·71	247·58	73,08,451	...	...	66,39,900	23,90,130
	GRAND TOTAL ...	5,281·01	1,022·64	4,26,10,116	...	...	3,93,05,650	24,42,710

N. B.—Only works for which Capital and Revenue accounts

(a) Estimate for close contouring the area commanded

(b) High percentage is due to the previous capital outlay not brought forward in the

II.-C.

Works for, and up to the end of, 1922-23.

1922-23.		FINANCIAL RESULTS OF THE YEAR 1922-23.									
Accumulated surplus revenues.	Total sum-at-charge (column 7 + column 8).	Gross receipts (direct and indirect).	Working expenses (direct and indirect).	Net revenue.	Percentage on Capital outlay, column 7.	Percentage on sum-at-charge, column 10.	Interest at 3·2252 per cent. on direct Capital outlay to end of 1916-17 at 5·48 per cent. on subsequent outlay.	Net profit.	Net loss.	Area Irrigated.	Percentage of working expenses to receipts (column 11 to column 12).
9	10	11	12	13	14	15	16	17	18	19	20
Rs.	Rs.	Rs.	Rs.	Rs.	Per cent.	Per cent.	Rs.	Rs.	Rs.	Acres.	Per cent.
34,43,901	27,80,676	5,72,329	2,10,366	3,62,053	13·23	13·23	88,641	2,73,892	...	2,35,592	36·75
26,10,626	7,91,716	2,54,438	85,298	1,69,140	21·36	21·36	25,616	1,43,524	...	99,054	33·52
29,53,127	24,61,792	5,09,926	4,06,674	1,03,134	16·35	16·35	79,714	2,23,420	...	2,24,948	50·23
32,90,408	81,24,305	5,42,925	3,29,701	1,83,224	2·25	2·25	2,67,333	...	84,099	2,19,753	66·25
5,40,753	95,80,596	9,23,918	5,84,064	3,39,854	3·55	3·55	5,11,649	28,205	...	2,38,192	63·21
4,65,286	14,81,811	2,38,957	1,32,530	96,427	6·51	6·51	47,168	49,259	...	97,820	57·33
3,38,37,293	6,69,772	9,52,173	3,44,199	5,77,974	86·29	86·29	32,064	5,55,910	...	2,53,296	37·32
2,29,223	1,07,169	12,414	4,976	7,438	6·94	6·94	5,168	2,270	...	12,785	40·08
22,07,901	4,42,569	1,45,817	79,193	66,624	15·02	15·02	18,722	47,902	...	75,544	54·31
4,26,861	1,24,658	42,850	26,543	16,307	13·08	13·08	3,942	12,365	...	26,723	61·94
1,05,75,529	23,47,543	7,41,960	3,34,855	4,16,905	17·75	17·75	21,296	3,95,609	...	4,03,357	43·75
1,19,221	3,04,805	40,426	44,030	−3,604		(b)	9,641	...	13,245	17,463	108·91
88,970	5,143	1,49,234	56,776	92,458	1,796·85	1,796·85	170	92,278	...	20,160	38·05
...	79,570	45,005	49,499	−4,494	...	...	2,488	...	6,982	15,260	109·98
88,522	6,19,324	2,73,323	1,65,238	1,07,990	17·86	17·86	21,957	86,033	...	1,52,183	59·81
35,479	88,760	70,959	30,726	39,234	44·21	44·21	3,855	35,479	...	31,836	43·85
49,283	2,56,938	1,10,625	53,048	57,547	2 33	2·33	9,264	48,283	...	32,506	52·44
1,93,026	8,28,399	3,36,918	1,03,009	2,33,909	20·94	20·94	29,283	1,93,626	...	88,600	31·00
69,663	2,69,186	1,05,031	27,540	77,482	21·84	21·84	8,819	68,663	...	24,008	26·23
57,136	1,69,967	1,73,519	1,09,791	63,728	37·69	37·69	6,693	57,125	...	59,961	63·27
...	6,069	...	...	...	...	...	157	...	157	...	...
...	8,86,733	...	...	...	...	...	32,190	...	32,190	...	...
...	24,187	...	...	...	...	...	627	...	627	...	...
...	14,219	...	...	...	...	...	369	...	369	...	...
5,72,71,989	3,27,18,330	64,90,774	32,00,574	32,90,200	10·07	10·03	10,57,006	22,03,194	...	23,73,345	49·31
...	25,64,032	59,843	74,141	−14,298	...	...	46,156	...	60,454	67,150	123·89
...	34,93,765	2,56,537	1,34,937	1,21,650	4·58	3·48	35,890	36,030	...	1,17,359	52·59
...	22,75,570	1,71,706	1,20,215	51,391	2·75	2·26	59,904	...	8,513	79,784	74·15
...	2,25,709	21,286	11,059	10,227	5·68	4·53	5,787	4,440	...	12,063	51·95
21,296	2,35,904	79,080	49,924	29,106	12·34	12·34	7,810	21,296	...	28,996	63·17
...	34,080	...	...	...	...	...	1,673	...	1,673	...	...
21,296	88,29,080	5,88,452	3,90,376	1,98,076	3·08	2·24	2,06,350	...	8,774	3,06,750	66·34
5,72,93,355	4,15,47,360	70,79,226	35,90,950	34,88,276	8·92	8·39	12,93,356	21,94,420	...	26,80,095	50·72

are kept should be included in this return.

(b) The Lloyd Barrage Canal Project.

Administrative accounts as the orders of Government regarding reclassification are awaited.

F. de Ga,
Assistant Accounts Officer.

STATEMENT III-C.

Demands and Realizations during the year 1922-1923 in Sind.

	Irrigation Works.	Balance of demands unrealized at commencement of year. (a)	Demands of year.	Total.	*Deduct*—Remissions including Cash Refunds.	Net Total.	*Deduct*—Amount unrealized at close of year.	Actual Total Receipts of year.	*Deduct*—Share due to old Irrigation.	Total Revenue due to Improvements.
	1	2	3	4	5	6	7	8	9	10
	PRODUCTIVE.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1	Desert Canal ..	18,192	5,70,603	5,88,795	1,063	5,87,732	15,333	5,72,399	...	5,72,399
2	Unharwáh ...	253	2,54,365	2,54,618	...	2,54,618	180	2,54,438	...	2,54,438
3	Begári Canal ...	10,867	8,46,147	8,57,004	634	8,56,370	12,949	8,43,421	33,613	8,09,808
4	Eastern Nára Canals ...	12,287	5,40,960	5,53,247	10	5,53,237	6,888	5,46,349	3,444	5,42,925
5	Jámrão Canal ...	43,207	8,83,157	9,26,364	159	9,26,205	2,287	9,23,918	...	9,23,918
6	Sukkur Canal ...	104	3,13,767	3,13,871	...	3,13,871	108	3,13,763	84,806	2,28,957
7	Ghár Canal ...	—2,546	10,59,387	10,56,841	174	10,56,667	—1,018	10,57,685	1,35,512	9,22,173
8	Alibahar Kacheri Canal...	1,279	28,681	29,960	...	29,960	41	29,919	17,505	12,414
9	Marak Great Canal ...	7,919	1,97,763	2,05,672	...	2,05,672	418	2,05,254	59,437	1,45,817
10	Sarfrazwah ...	10,652	55,185	66,837	12	66,825	5,169	61,656	18,806	42,850
11	Fuleli Canal ...	23,511	9,72,427	9,95,938	1,720	9,94,218	8,409	9,85,809	2,44,549	7,41,260
12	Hasanali Canal ...	1,255	46,925	48,180	...	48,180	1,838	46,342	5,916	40,426
13	Naulakhi Canal ...	1,381	1,49,980	1,51,361	11	1,51,350	2,116	1,49,234	...	1,49,234
14	Kalri Canal ...	7,120	41,818	48,998	...	48,998	3,903	45,095	...	45,095
15	Pinyari Canal ...	5,317	2,74,033	2,79,350	...	2,79,350	5,522	2,73,828	...	2,73,828
16	Indus Canals Right Bank	1,940	69,972	71,912	...	71,912	1,853	70,059	...	70,059
17	Indus Canals Left Bank ..	—1,157	1,08,849	1,07,692	...	1,07,692	—3,003	1,10,695	...	1,10,695
18	Sind Canal ...	383	3,28,242	3,28,625	...	3,28,625	2,607	3,26,018	...	3,26,018
19	Rajib, Chiti and Garang...	203	1,05,214	1,05,417	...	1,05,417	386	1,05,031	...	1,05,031
20	Canals in Rohri ...	699	1,74,189	1,74,748	...	1,74,748	1,229	1,73,519	...	1,73,519
	Total ...	1,42,826	70,22,624	71,65,450	3,783	71,61,667	67,805	70,94,862	6,03,538	64,90,774
	UNPRODUCTIVE.									
25	Mahiwáh Canal ...	14	1,70,099	1,70,113	...	1,70,113	—227	1,70,340	1,10,497	59,843
26	Dád Canal ...	7,974	3,44,246	3,52,220	42	3,52,178	11,783	3,40,395	83,808(b)	2,56,587
27	Nasrat Canal ...	11,754	2,39,488	2,51,192	2,082	2,49,110	4,550	2,44,560	72,854	1,71,706
28	Saktáh Canal ...	41	37,429	37,470	...	37,470	39	37,431	16,145	21,286
29	Baghar Canal ...	757	78,433	79,190	...	79,190	160	79,030	...	79,030
	Total ...	20,540	8,69,745	8,90,285	2,124	8,88,161	16,305	8,71,856	2,83,404	5,88,452
	GRAND TOTAL ...	1,63,366	78,92,369	80,55,735	5,907	80,49,828	83,610	79,66,218	8,86,992	70,79,226

(a) Correct balances as now reported by the Revenue Officers in Canal Returns Nos. VIII-A and IX.
(b) The amount of Rs. 5 on account of refunds of revenue is deducted from Gross Revenue Rs. 83,913 and net revenue shown here.

F. de Ga,
Assistant Accounts Officer.

STATEMENT IV-C.

STATEMENT

Statement showing the Financial Results of Irrigation Works in Sind

Principal Results of Operations

Irrigation Works.	Capital Outlay (direct and indirect) to end of year.	Revenue assessed					
		Direct Revenue.				Indirect Revenue Revenue due to opera-canal.	
		Occupier's rate.	Planta-tions.	Miscella-neous.	Total.	Share of Land Revenue.	4 per cent. on 9/10ths of proceeds from sale of occupancy rights in waste or other lands up to end of year.
1	2	3	4	5	6	7	8
PRODUCTIVE.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1 Desert Canal	27,76,675	1,03,238	100	6,106	1,14,444	4,53,655	2,294
2 Unharwáh	7,91,716	188	51	1,682	1,921	2,49,330	3,114
3 Begári Canal	24,85,792	35,253	29	6,811	41,693	7,94,369	10,185
4 Eastern Nára Canals ...	81,24,80b	2,419	389	10,647	13,455	5,21,880	5,645
5 Jámrao Canal	95,80,508	1,588	635	20,853	23,076	7,82,139	77,942
6 Sukkur do.	14,81,311	1,403	8	3,433	4,844	3,08,030	893
7 Ghár do.	6,66,722	5,021	472	11,373	16,866	10,84,294	7,627
8 Allahabar Kacheri Canal ..	1,07,169	363	...	567	930	26,311	340
9 Marak Great do. ...	4,43,569	2,434	120	2,997	5,551	1,88,051	3,551
10 Sarfrazwah	1,24,680	1,033	42	1,308	2,433	52,267	1,385
11 Fuleli Canal	26,47,543	34,421	191	21,877	56,489	8,24,502	21,436
12 Hasanali do.	3,04,805	258	...	475	733	45,446	746
13 Navlákhi do. ...	5,145	522	...	442	964	1,48,298	718
14 Kalri do.	72,588	220	...	465	685	40,500	633
15 Pinyari do.	6,19,264	1,296	342	4,164	5,802	2,63,216	5,015
16 Indus Canals Right Bank...	88,760	292	...	62	374	67,646	1,952
17 Indus Canals Left Bank ...	2,56,938	37	...	562	599	1,05,831	2,389
18 Sind Canal	8,28,399	5,635	9	1,517	61	3,14,172	3,999
19 Ragib, Chiti and Garang ...	2,53,186	752	...	349	1,101	1,02,108	2,010
20 Canals in Rohri	1,69,067	1,849	11	2,453	4,313	1,65,183	4,644
Total ...	3,17,50,149	2,01,272	2,399	97,963	3,01,634	65,59,362	1,61,628
UNPRODUCTIVE.							
25 Mahiwáh Canal ...	14,48,752	1,827	20	3,656	5,503	1,60,422	4,174
26 Dád Canal	26,80,180	2,106	400	1,090	3,596	3,31,538	9,157
27 Nasrat do. ...	18,65,053	180	427	521	1,128	2,23,811	14,499
28 Suttah do. ...	1,80,079	16	...	31	47	36,415	967
29 Baghar do.	2,35,904	779	121	3,365	4,265	72,631	1,537
Total ..	64,09,968	4,908	968	8,663	14,599	8,24,812	30,334
GRAND TOTAL ...	3,81,90,103	2,06,240	3,367	1,06,626	3,16,233	73,84,174	1,91,962

(a) No percentage is calculated as the net revenue is gained the work is a minus figure.

[V-C.

for the year ended 1922-1923, based on the Assessment of the year.

for the year ended 31st March 1923.

DURING THE YEAR.					WORKING EXPENSES.			NET REVENUE OF THE YEAR.		
—Land on of	Refunds of Revenue.	Grand Total.	*Deduct*—Share due to old Irrigation.	Total Revenue due to Improvements.	Total Charges, direct and indirect.	*Deduct*—Old Maintenance Charges.	Total—Working Expenses on Improvements.	Total.	Due to Improvements.	Percentage on Capital Outlay to end of year (Improvements only).
Total.										
9	10	11	12	13	14	15	16	17	18	19
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
4,66,159	...	5,70,603	...	5,70,603	2,10,366	...	2,10,366	3,60,237	3,60,237	18·16
2,52,444	...	2,54,365	..	2,54,365	85,299	....	85,299	1,69,066	1,69,066	21·35
8,04,554	147	8,48,000	33,613	8,12,387	4,15,433	8,759	4,06,674	4,30,567	4,05,713	16·46
5,27,525	10	5,40,970	3,444	5,37,526	3,60,015	314	3,59,701	1,80,925	1,77,825	2·19
8,60,081	159	8,82,998	...	8,82,998	5,84,064	...	5,84,064	2,98,934	2,98,934	3·12
3,38,923	...	3,13,767	84,806	2,28,961	1,45,892	13,362	1,32,530	1,67,875	96,431	6·51
10,42,521	...	10,59,387	1,35,512	9,23,875	3,63,043	18,841	3,44,199	6,96,347	5,79,676	86·94
27,751	...	28,631	17,605	11,176	14,242	9,266	4,976	14,489	6,200	5·79
1,92,203	...	1,97,753	59,437	1,38,316	1,02,598	23,405	79,193	95,155	59,123	13·31
53,752	...	56,185	18,806	37,379	34,364	7,621	26,743	21,821	10,636	8·69
9,15,938	862	9,71,535	2,44,549	7,27,016	4,40,716	1,16,361	3,24,355	5,30,849	4,02,661	15·21
46,192	..	46,925	5,916	41,009	47,438	3,458	44,030	—563	—3,021	(a)
1,49,016	...	1,49,980	...	1,49,980	56,786	...	56,786	93,194	93,194	1811·35
41,133	...	41,818	...	41,818	49,499	...	49,499	—7,681	—7,681	(a)
2,68,231	...	2,74,033	...	2,74,033	1,63,238	...	1,63,238	1,10,795	1,10,795	17·39
69,598	...	69,972	...	69,972	30,725	...	30,725	39,247	39,247	44·23
1,08,250	...	1,08,349	...	1,08,349	53,043	...	53,043	50,801	50,801	19·62
3,22,781	..	3,28,242	...	3,28,242	1,03,009	...	1,03,009	2,25,233	2,25,233	27·19
1,04,113	...	1,05,214		1,05,214	27,549	...	27,549	77,665	77,665	29·51
1,69,826	...	1,74,139		1,74,139	1,09,791	...	1,09,791	64,348	64,348	38·06
67,20,990	1,178	70,21,448	6,03,588	64,17,858	34,02,192	2,01,617	32,00,575	36,19,254	32,17,283	10·12
1,64,596	...	1,70,099	1,10,497	59,602	25,421	21,280	74,141	74,678	—14,539	(a)
3,40,690	...	3,44,346	83,908	2,60,438	1,80,146	45,209	1,34,937	1,64,200	1,25,501	4·63
2,35,310	300	2,39,133	72,854	1,66,284	1,40,123	19,808	1,20,315	99,015	45,969	2·46
37,382	...	37,429	16,145	21,284	20,277	9,218	11,059	17,152	10,225	5·68
74,168	...	78,433	...	78,433	49,224	...	49,224	28,509	28,509	1·21
8,55,146	300	8,69,445	2,83,404	5,86,041	4,35,291	95,515	3,39,776	5,83,554	1,95,665	3·05
75,76,136	1,478	79,90,891	8,86,992	70,03,899	38,37,483	2,97,132	35,40,351	40,02,803	34,12,948	8·94

F. de Ga,
Assistant Accounts Officer.

	PRODUCTIVE.											
	Desert.	Unharwah.	Begári Canal.	Eastern Nára.	Jámrão Canal.	Sukkur Canal.	Ghár Canal.	Allahar Kachori Canal.	Marak Great Canal.	Sar-frazwah.	Fuleli Canal.	Hasan-ali Canal.
Capital Outlay.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
During year—												
Direct ...	1,339	2,804	−1,229	6,03,008	4,60,088	43,253	28,177	...	9,016	...	3,51,444	...
Indirect ...	39	82	−36	23,315	14,622	1,245	839	...	386	...	11,098	...
Total ...	1,339	2,886	−1,259	6,31,321	4,83,690	43,498	29,097	...	9,302	...	3,62,142	...
To end of year—												
Direct ...	23,59,621	7,70,334	23,36,573	78,42,961	92,97,036	14,13,305	6,33,396	1,03,430	4,27,672	1,16,689	25,50,369	2,59,259
Indirect ...	80,054	20,982	78,919	2,78,910	2,83,670	63,006	24,353	3,730	15,697	6,121	97,274	14,976
Total ...	27,39,675	7,91,716	24,05,792	81,24,396	95,80,506	14,81,311	6,66,722	107,160	4,43,369	1,24,630	26,47,643	3,04,585
Gross Revenue.												
During year—												
Direct ...	1,16,237	1,994	38,793	15,142	23,198	4,829	17,134	1,620	7,238	4,381	69,723	492
Indirect ...	4,56,102	2,52,444	7,71,015	5,27,583	9,00,730	2,34,128	9,05,039	10,984		38,469	6,71,637	20,924
Total ...	5,72,339	2,54,438	8,09,808	5,42,725	9,23,928	2,38,957	9,22,173	12,614	1,46,817	42,850	7,41,360	60,426
To end of year—												
Direct ...	23,34,861	30,711	15,18,288	14,18,771	10,05,975	1,24,570	6,26,234	36,359	1,79,023	1,12,810	20,40,912	11,308
Indirect ...	86,76,127	50,90,881	1,80,60,735	2,31,91,030	1,53,50,934	63,50,410	3,33,33,950	3,97,565	36,60,210	12,53,857	2,19,63,710	7,22,389
Total ...	1,12,04,988	51,21,592	1,95,85,023	2,46,09,801	1,61,46,909	64,85,010	3,44,63,784	3,74,224	38,29,241	13,06,667	2,40,12,622	7,43,777

Works in Sind for, and to end of, 1922-1923.

PRODUCTIVE.												
Pinyari.	Kalri.	Indus Canals Right Bank.	Indus Canals Left Bank.	Canals in Rohri.	Sind Canal.	Garkinowah.	Gerang Rajib and Chitti.	Chitti Canal.	Lloyd Barrage.	Arore Canal.	Naulakhi.	Total, Productive.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
13,348	398	.....	...	.....	.....	22,886	.....	5,742	4,14,410	13,454	.....	18,82,168
394	26	.....	...	.....	.....	674	.....	170	25,033	396	.....	78,872
13,742	924	.....	...	.....	.....	23,560	.....	5,912	4,39,443	13,850	.....	19,60,980
6,03,483	71,219	86,927	2,52,978	1,65,383	9,18,182	22,386	2,59,516	5,742	7,94,537	13,454	5,112	3,16,60,670
15,781	1,370	1,833	5,060	2,634	10,217	674	3,670	170	47,781	396	33	10,65,050
6,19,264	72,589	88,760	2,58,938	1,69,067	8,28,390	23,560	2,63,186	5,912	8,42,288	13,850	5,145	3,26,85,750
4,756	675	341	1,214	4,016	4,655	.....	963	.....	.....	.....	877	3,15,138
2,69,072	44,330	69,718	1,09,481	1,69,503	3,21,363	.....	1,04,068	.....	.....	.....	1,48,357	61,75,636
2,73,828	45,005	70,059	1,10,695	1,73,519	3,26,018	.....	1,05,031	.....	.....	.....	1,49,234	64,90,774
4,756	675	341	1,214	4,016	4,655	.....	963	.....	.....	.....	877	97,68,318
2,69,072	44,330	69,718	1,09,481	1,69,503	3,21,363	.....	1,04,068 ~~1,40,068~~	.....	.....	.....	1,48,357	13,04,30,200
2,73,828	45,005	70,059	1,10,695	1,73,519	3,26,018	.....	1,05,031	.....	.....	.....	1,49,234	14,91,99,627

General Abstract of Financial Results of Irrigation

	UNPRODUCTIVE.						
	Mahiwah.	Dad Canal.	Nasrat Canal.	Suttah Canal	Baghar.	Seharwah.	Total. Unproductive.
Capital Outlay.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
During year—							
Direct	8,816	20,015	2,803	.....	.....	−636	30,998
Indirect	252	866	122	.....	.....	−18	1,232
Total ...	9,068	20,881	2,925	.....	.....	−654	52,220
To end of year—							
Direct	13,89,708	25,85,578	18,06,847	1,74,028	2,20,870	28,395	62,15,426
Indirect	59,044	94,002	58,206	6,051	5,034	537	2,23,474
Total ...	14,48,752	26,80,180	18,65,053	1,80,079	2,25,904	28,932	64,38,900
Gross Revenue.							
During year—							
Direct	4,267	1,056	125	− 8	4,639	.....	10,079
Indirect	55,576	2,55,531	1,71,581	21,294	74,391	.....	5,78,273
Total ...	59,843	2,56,587	1,71,705	21,286	79,030	.....	6,88,852
To end of year—							
Direct	47,204	41,128	15,163	1,648	4,639	.....	1,09,783
Indirect	11,81,335	32,64,580	31,15,653	2,56,527	74,391	.....	78,92,486
Total ...	12,28,539	33,05,708	31,30,816	2,58,175	79,030	.....	80,02,268

Works in Sind for, and to end of, 1922-1923.—continued.

15—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES.

WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.

Begari Canal.	Ghar Canal.	Shikarpur Canals District.	Western Nara District.	Karachi Canals District.	Kandhi Buildings.	Eastern Nara Canal.	Jamrao Canal.	Nasrat Canals District.	Hyderabad Canals District.	Faleli Canals District.	Lloyd Barrage.	Total.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
...	...	...	...	...	...	...	...	...	...	...	...	...

General Abstract of Financial Results of Irrigation

	PRODUCTIVE.											
	Desert.	Unharwáh	Begári Canal.	Eastern Nára.	Jámrão Canal.	Sukkur Canal.	Ghár Canal.	Allahabar Kacheri Canal.	Marat Great Canal.	Sar-frazwáh.	Fuleli Canal.	Hasan-ali Canal.
	Rs	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Working Expenses.												
During year—												
Direct ...	2,02,657	52,338	3,91,205	3,40,731	5,48,375	1,27,455	3,31,835	4,519	74,515	24,972	3,04,362	41,479
Indirect ...	7,709	2,961	15,469	18,970	35,689	5,075	12,364	457	4,678	1,570	19,993	2,552
Total ...	2,10,366	55,299	4,06,674	3,59,701	5,84,064	1,32,530	3,44,199	4,976	79,193	26,543	3,24,355	44,030
To end of year—												
Direct ...	45,31,043	16,42,214	70,17,016	95,66,875	78,10,541	32,45,205	94,15,018	87,244	11,62,651	6,58,350	99,90,407	4,17,920
Indirect ...	1,12,228	33,969	1,84,119	3,48,736	4,52,894	93,116	2,35,639	4,251	40,979	25,134	3,27,533	15,138
Total ...	46,43,271	16,76,183	72,01,135	99,15,611	82,63,435	33,37,321	96,50,657	91,495	12,03,630	7,13,484	1,03,17,940	4,33,058
Net Revenue.												
During year ...	3,63,033	1,60,139	4,03,134	1,83,224	3,39,854	96,427	5,77,974	7,438	66,624	16,307	4,16,905	−5,604
To end of year ...	65,61,717	24,45,409	1,23,86,883	1,46,94,190	78,83,374	31,47,689	2,48,13,127	2,82,729	26,25,611	6,52,783	1,36,94,662	3,10,719

Works in Sind for, and to end of, 1922-23—continued.

PRODUCTIVE.

Pinyari.	Kalri.	Indus Canals Right Bank.	Indus Canals Left Bank.	Canals in Rohri.	Sind Canal.	Garkino-wah.	Garang Saith and Chitti.	Chitti Canal.	Lloyd Barrage.	Arore Canal.	Nanlakhi.	Total. Productive.
Rs.	Rs	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1,59,018	49,156	29,962	56,571	1,06,933	1,00,601	.... ..	26,938	.... ..	.....	.....	53,946	30,50,505
4,220	1,343	763	1,477	2,839	2,408	.....	613	.....	.....	.....	2,840	1,45,015
1,63,238	49,499	30,725	58,048	1,09,791	1,03,009	....	27,549	.....	.....	.....	56,786	32,00,575
1,59,018	49,156	29,962	56,571	1,06,933	1,00,601	.....	26,938	.....	.....	.....	53,946	5,61,56,605
4,220	1,343	763	1,477	2,859	2,408	....	613	.....	.....	.....	2,840	16,59,253
1,63,238	49,499	30,725	58,048	1,09,791	1,03,009	.....	27,549	.....	.....	.....	56,786	5,80,15,855
1,10,690	—4,491	29,334	52,647	93,728	2,23,000	.... ..	77,482	.....	.....	.....	92,448	37,50,199
1,10,690	—4,491	29,334	52,647	93,728	2,23,000	....	77,482	.....	.....	.....	92,448	9,11,53,462

General Abstract of Financial Results of Irrigation

	UNPRODUCTIVE.						
	Mahiwah.	Dad Canal.	Nasrat Canal.	Sukkh Canal.	Baghar.	Seharsah	Total, Unproductive.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Working Expenses.							
During year—							
Direct ...	72,124	1,29,918	1,15,867	10,831	48,632	.....	3,77,052
Indirect ...	2,017	6,122	4,845	228	1,302	.....	13,917
Total ...	74,141	1,36,037	1,20,315	11,059	49,934	.....	3,90,326
To end of year—							
Direct ...	13,48,804	21,36,017	21,85,961	1,91,959	4-,622	... ..	59,01,363
Indirect ...	25,168	72,243	73,144	2,678	1,302	.....	1,74,495
Total ...	13,73,763	21,96,260	22,59,105	1,94,547	49,924	... ..	60,75,598
Net Revenue.							
During year ..	—14,398	1,21,650	61,391	10,927	29,166	.....	1,88,078
T end of year ...	—1,45,398	11,67,448	5,71,711	62,638	29,166	.....	17,15,670

Works in Sind for, and to end of, 1922-1923—continued.

13.—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES.

WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.

Desert Canal.	Ghar Canal.	Shikarpur Canals District.	Western Nara District.	Karachi Canals District.	Karachi Buildings.	Eastern Nara.	Jamrao.	Nasrat Canals District.	Hyderabad Canals District.	Fuleli Canals District.	Lloyd Barrage.	Total.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
...	...	(b) 23	4,44,225	(c)—107	...	...	...	64,825	1,23,071	23,739	..	6,69,446
...	...	...	11,313	...	...	...	...	2,603	6,248	1,279	...	21,443
...	...	23	4,55,578	—107	..	...	...	67,128	1,30,354	25,018	...	6,87,934
...	...	...	...	...	...	...	...	...	...	...	...	...

General Abstract of Financial Results of Irrigation

PRODUCTIVE.

	Desert.	Unharwáh.	Begári.	Eastern Nára	Jamrao Canal.	Sukkur Canal.	Ghar Canal.	Alibahar Kachori Canal.	Marak Great Canal.	Sarfrazwah.	Puleli Canal.	Hasanali Canal.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Simple Interest.												
During year ..	88,641	25,616	79,714	2,67,323	3,11,649	47,158	22,064	5,168	18,721	3,942	91,[illegible]	9,641
To end of year ..	1,18,816	8,34,712	34,23,831	1,14,03,782	73,42,621	26,97,403	9,75,834	53,437	4,17,710	2,25,922	31,22,153	1,12,499
Net profit after paying Interest.												
During year ..	2,73,392	1,43,523	3,23,420	84,099	28,205	40,269	5,55,910	2,270	47,902	12,385	3,25,509	-13245 ~~12,[illegible]~~
To end of year ..	34,42,001	26,10,697	89,60,027	82,90,403	5,40,753	4,65,286	2,38,37,293	2,29,292	22,07,901	4,26,861	1,05,72,329	1,19,221

Works in Sind for, and to end of, 1922-23—continued.

PRODUCTIVE.												
Pinyari.	Kalri.	Indus Canals Right Bank.	Indus Canals Left Bank.	Canals in Bohri.	Sind Canal.	Garkinowah.	Garang, Rajib and Chitti.	Chitti Canal	Lloyd Barrage.	Arore Canal.	Naulakhi.	Total, Productive.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
21,957	2,488	3,855	9,364	6,593	29,383	627	8,819	157	32,190	369	170	10,67,006
21,957	2,488	3,855	9,364	6,593	29,383	627	8,819	157	44,445	369	3,478	3,39,34,284
8,633	−6,982	35,479	43,283	57,135	1,93,616	−627	68,663	−157	−32,190	−369	92,278	22,03,193
88,633	−6,982	35,479	43,283	57,135	1,93,626	−627	68,663	−157	−44,445	−369	88,970	5,72,10,378

General Abstract of Financial Results of Irrigation

	UNPRODUCTIVE.						
	Mahiwah.	Dad Canal.	Nasrat Canal.	Suttah Canal.	Baghar.	Seharwah.	Total, Unproductive.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Simple Interest.							
During year	46,156	85,620	59,904	5,787	7,810	1,573	2,06,860
To end of year	9,70,077	19,21,053	13,82,228	1,66,388	7,810	5,096	42,95,504
Net profit after paying Interest.							
During year	−90,464	36,030	−8,813	4,410	21,296	−1,573	−8,174
To end of year	−11,16,309	−6,13,685	−5,10,517	−45,630	21,296	−5,096	−23,63,851

Works in Sind for, and to end of, 1922-23—concluded.

15—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES.

WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.

Begari Canal.	Ghar Canal.	Shikarpur Canals District.	Western Nara District.	Karachi Canals Division.	Karachi Buildings.	Eastern Nara.	Jamrao.	Nasrat Canals District.	Hyderabad Canals District.	Puloli Canals District.	Lloyd Barrage.	Total.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...

Expenditure on and Receipts from Agricultural Works for which neither Capital nor Revenue Accounts are kept.

	Expenditure.	Receipts.
	Rs.	Rs.
Brought over ...	18,62,440	9,68,044
EASTERN NARA.		
Share of collection charges ...	344	..
Irrigation share of consolidated revenue	...	3,444
Total ...	344	3,444
Grand Total ...	18,62,784	9,71,488

Expenditure on and Receipts from 15-Other Revenue expenditure financed from Ordinary Revenues.
(3) Miscellaneous Expenditure.

	Expenditure.	Receipts.
	Rs.	Rs.
BEGARI CANALS DISTRICT.		
Making survey and preliminary project for improving water supply at the tail of Begari Canal —Other charges	763	...
Constructing the area up to the proposed Kirthir branch, Sultanwah project—Other charges ...	1	...
Making survey and revising Sultanwah project and bringing it up to date—Other charges	284	..
Establishment	195	...
Tools and plant ...	32	...
Total ...	1,329	..
WESTERN NARA DISTRICT.		
Survey of Sehbahar project—Other charges	1,238	...
Establishment	341	..
Tools and plant	32	..
Total ...	1,593	..
KARACHI BUILDINGS DISTRICT.		
Making survey on the Indus, Season 1922-23—Other charges ...	8,995	...
Establishment	1,623	...
Tools and plant	113	...
Total ...	10,731	...
JAMRAO CANALS DISTRICT.		
Making survey of the Eastern Nara from head to Jamrao Canal weir —Other charges	493	...
Establishment	173	...
Tools and plant	8	...
Total ...	673	...
Grand Total ...	14,326	...

F. DE GA,
Assistant Accounts Officer.

STATEMENT

Statement of Area irrigated by Irrigation Works

Name of Canal.	Area Irrigated in Acres.			Net Area Irrigated after deducting Area in which Remissions were granted.			Number of days the Canal was in flow.	
	Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.	Kharif.	Rabi.
1	2	3	4	5	6	7	8	9
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Days.	Days.
55—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.							*Indus Right*	
A—Irrigation Works.								
(1) Productive.								
Begári Canals District, Desert Canal ...	121,833	134,499	256,327	120,308	132,483	252,850	164	
Begári Canals District, Unhárwáh ...	85,702	49,978	135,680	85,400	49,778	135,178	163	
Begári Canal ...	195,193	148,251	343,444	195,223	144,182	337,405	163	
Ghár Canals District, Ghár Canal ...	229,683	152,895	381,578	227,245	151,083	378,328	169	
Sukkur Canal ...	67,421	65,857	123,278	67,160	55,290	122,440	114	189
Canals in Rohri ...	45,856	20,069	65,975	43,105	19,991	63,096	117	
Shikárpur Canals District, Sind Canal ...	62,888	34,552	97,475	62,693	34,295	96,888	112	
Rajib Canal ...	6,039	5,289	11,328	6,025	5,277	11,302	115	
Chiti Canal ...	5,004	6,549	11,553	4,982	6,549	11,531	122	
Garang Canal ...	2,958	3,919	6,891	2,952	3,939	6,891	120	
Kalr Canal ...	26,164	5,465	31,619	24,982	5,324	30,306	136	
Karáchi Canals District, Indus Canals Right Bank, Pinyári ...	28,097	5,894	33,491	27,823	5,188	33,011	226	
Indus Canals Left Bank	84,314	20,046	104,360	82,690	14,042	96,732		
	36,168	4,549	40,717	35,633	3,424	39,056		
(2) Unproductive.								
Shikárpur Canals District, Máhiwáh ...	49,589	19,493	69,082	47,296	18,677	65,973	122	
Karáchi Canals District, Sóttah ...	12,850	266	13,116	12,844	...	12,844	171	
Karáchi Canals District, Baghar ...	27,211	9,458	36,669	26,975	8,841	35,816	242	
15—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES.								
A—Irrigation Works.								
(1) Works for which only Revenue Accounts are kept.								
Western Nára District, Western Nára, including New Feeder and Pritchard Canal ...	200,862	140,585	340,947	191,376	113,678	305,053	150	
Marjiwah ...	3,662	2,196	5,857	3,600	3,175	6,775	130	
Dadu Canals ...	8,150	3,602	11,752	8,122	3,602	11,724	124	
Phitta Canals ...	2,896	1,769	4,665	2,606	1,749	4,355	122	
Charlo Wah (Aral including Manchar) ...	2,332	20,669	23,001	1,287	19,130	20,417		
Canals north of Kotri ...	4,783	3,784	9,567	5,216	3,600	9,116		
Waburwáh ...	1,384	1,114	2,498	1,331	962	2,293	113	
55—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT AND DRAINAGE WORKS.							*Indus Left*	
A—Irrigation Works.								
(1) Productive.								
Jámrão Canals District, Jámrão Canal ...	171,287	71,287	242,574	162,968	69,220	232,188	178	171
Mithri Canal ...	85,259	9,510	97,769	85,747	9,386	95,033	168	167
Eastern Nára District, Thar Canal ...	35,193	11,894	46,990	33,740	10,600	44,340	156	
Hiral Canal ...	13,176	2,564	14,740	11,826	2,503	13,329	156	
Khipro Canal ...	3,585	248	3,833	3,585	248	3,833	154	
Hyderabad Canals District, Allahar Kachoi ...	11,553	1,522	13,074	11,545	1,522	13,067	133	
Great Márak ...	68,774	8,119	76,493	68,357	7,972	76,329	135	
Sárfraz ...	24,070	2,844	26,914	24,057	2,844	26,901	123	
Fuleli Canals District, Fuleli Canal ...	318,399	91,750	410,649	305,516	91,084	397,600	182	182
Haasanli Canal ...	16,357	1,262	17,509	16,107	1,147	17,254	136	
Nasrat Canals District, Naulakhi ...	42,016	8,851	50,847	41,489	8,814	50,303	132	
(2) Unproductive.								
Nasrat Canals District, Dód Canal ...	102,504	24,024	126,528	103,387	23,900	126,287	108	
Nasrat Canal ...	74,786	5,412	80,198	73,378	5,093	78,471	122	
15—OTHER REVENUE EXPENDITURE FINANCED FROM ORDINARY REVENUES.								
A—Irrigation Works.								
(1) Works for which only Revenue Accounts are kept.								
Nasrat Canals District, Mehrabwáh ...	7,019	341	7,360	6,857	$34	7,191	118	
Dambro ...	11,713	2,010	13,723	11,466	2,007	13,473	122	

I-E

in Sind during the year 1922-1923.

Average discharge in cubic feet per second.				Area irrigated per cubic foot per second.				Depth of water used on area irrigated.		Remarks.
At Head.		Utilized.		At Head.		Utilized.				
Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	
10	11	12	13	14	15	16	17	18	19	20
C. ft.	C. ft.	C. ft.	C. ft.	Acres.	Acres.	Acres.	Acres.	Feet.	Feet.	
Bank Division.										
2,007		2,007		128		128		2·56		
1,961		1,961		84		84		5·66		
4,095		4,095		84		84		4·36		
6,442		6,442		59		59		6·73		
2,250	198	2,250	198	30	282	30	282	7·6	1·94	
1,508		1,508		42		42		5·57		
2,749		2,749		35		35		6·40		
243		243		47		47		5·62		
220		220		53		53		4·60		
139		139		50		50		4·80		
740		740		43		43		6·23		
				Discharges incomplete.						
3,500		3,500		30		30		15·07		
				Discharges incomplete.						
1,544		1,544		45		45		5·42		
1,121		1,121		12		12		28·50		
6,573		Not known.		6		...		80·67		
5,546		5,546		61		61		4·22		
161		161		36		36		7·22		
397		397		35		35		7·03		
159		159		29		29		8·41		
				Discharges incomplete.						
74		74		Do. 33		do. 33		6·85		
Bank Division.										
2,409	1,314	2,409	1,314	71	54	71	54	5·0	6·3	
1,654	428	1,654	428	58	22	58	22	6·3	15·2	
828		828		57		57		6·5		
146		146		101		101		3·1		
94		94		41		41		7·5		
307		307		43		43		6·2		
1,547		1,547		49		49		5·6		
407		407		66		66		3·7		
8,098	1,655	7,999	1,514	39	55	40	61	9·4	6·6	
637		637		27		27		10·1		
1,549		1,549		33		33		7·4		
3,198		3,198		40		40		5·4		
1,397		1,397		57		57		4·3		
71		71		104		104		2·3		
377		377		36		36		6·3		

STATEMENT II-E.

Statement showing Incidence of Working Expenses on Assessed Revenue on Canals in Sind, during the year 1922-1923.

Name of Canal.	Average discharge of the year at Canal Head in cubic feet per second.	Water-rate assessed during 1922-1923. Occupiers.	Owners.	Total, Direct.	Indirect.	Total, Direct and Indirect.	Gross Assessed Revenue from all sources.	Working Expenses, Direct and Indirect.	Area irrigated during the year.	Working Expenses. Per cent. on Gross Revenue.	Per acre irrigated.	Per cubic foot per second at Canal Head.	90 per cent. of Net Consolidated Assessment. Per acre irrigated.	Per cubic foot per second at Canal Head.	Total Water Rate, Direct and Indirect. Per acre irrigated.	Per cubic foot per second at Canal Head.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	C. ft.	Rs.	Rs.	Rs.	Rs.	R.	Rs.	Rs.	Acres.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
65.—CONSTRUCTION OF IRRIGATION, NAVIGATION, EMBANKMENT & DRAINAGE WORKS.																
A—Irrigation Works.																
(1) Productive.																
Begári Canals District { Desgri Canal / Unarwah / Begári Canals	2,007 / 1,061 / 4,005	1,09,238 / 188 / 35,253	... / ... / ...	1,09,238 / 188 / 35,253	4,16,159 / 3,256 / 9,04,554	5,25,397 / 3,444 / 9,39,807	5,72,623 / 2,62,632 / 8,40,147	2,10,380 / 58,399 / 4,18,433	295,830 / 60,054 / 285,400	39·37 / 22·23 / 49·09	0·89 / 0·98 / 1·46	194·28 / 43·50 / 101·20	2·36 / 7·25 / 3·26	224·14 / 127·14 / 152·20	2·49 / 7·53 / 2·95	252·71 / 128·43 / 204·29
Eastern Nára District. { Nara Supply Channel / Eastern Nára / Mithrao Canal / Thar Canal / Rípro Canal / Hirsi Canal	... / ... / 725 / ... / ... / 146	... / ... / 2,419 / ... / ... / ...	... / ... / ... / ... / ... / ...	... / ... / 2,419 / ... / ... / ...	... / ... / 5,27,525 / ... / ... / ...	... / ... / 5,29,944 / ... / ... / ...	... / ... / 5,40,990 / ... / ... / ...	... / ... / 3,60,045 / ... / ... / ...	(12,963 / 47,903 / 97,171 / 45,372 / 2,798 / 14,310)	66·55	1·63	217·90	2·25	367·12	2·79	511·21
Jámrao Canal District.—Jámrao Canal ...	1,573	1,538	...	1,538	5,60,061	5,61,599	8,83,157	5,54,064	298,192	62·73	2·43	311·23	3·33	417·59	3·62	460·96
Ghár Canals District... { Sukkur Canal / Ghár Canal	2,448 / 5,442	1,403 / 8,021	... / ...	1,403 / 8,021	3,09,933 / 10,42,521	3,10,336 / 10,50,542	3,13,767 / 10,89,387	1,45,393 / 8,63,045	57,917 / 203,296	46·39 / 34·27	1·26 / 1·33	59·50 / 59·26	3·52 / 4·07	126·63 / 139·05	3·43 / 3·98	136·77 / 142·91
Hyderabad Canals District. { Allibahar Kachori / Great Marak / Sanirnz	307 / 1,547 / 467	362 / 2,434 / 1,088	... / ... / ...	362 / 2,434 / 1,088	21,761 / 1,23,302 / 53,752	22,114 / 1,25,736 / 54,835	28,661 / 1,67,768 / 56,185	14,242 / 1,02,588 / 34,964	12,795 / 73,244 / 30,723	49·69 / 61·23 / 61·16	1·11 / 1·39 / 1·29	46·39 / 69·32 / 84·43	2·30 / 2·73 / 2·21	97·66 / 121·76 / 159·67	2·33 / 2·81 / 3·05	91·93 / 132·75 / 154·73
Fuleli Canals District { Fuleli Canal / Basanah Canal	5,098 / 637	34,421 / 238	... / ...	34,421 / 238	9,16,238 / 46,189	9,50,659 / 46,429	9,72,457 / 46,825	4,40,718 / 47,453	408,427 / 17,405	45·32 / 101·19	1·09 / 2·72	87·81 / 74·65	2·07 / 2·70	177·78 / 71·34	2·35 / 2·97	189·71 / 73·82
Nasrat Canals District.	Naukshi	1,549	522	...	522	1,49,016	1,49,538	1,43,950	55,755	49,159	37·38	1·13	36·66	3·03	89·74	3·04	90·51
Karáchi Canals District. { Kalri / Phitti / Indus Canals Right Bank. / Indus Canals Left Bank.	740 / 3,500 / 202 / 37	220 / 1,326 / 202 / Discharges inconclusive.	... / ... / ... / ...	220 / 1,326 / 202 / 37	41,132 / 2,53,231 / 69,598 / 1,03,250	41,352 / 2,59,057 / 69,800 / 1,03,287	41,316 / 2,74,023 / 69,972 / 1,08,949	42,499 / 1,53,234 / 30,725 / 58,048	21,498 / 126,179 / 35,491 / 38,498	118·37 / 52·96 / 43·91 / 53·23	1·67 / 1·20 / 0·92 / 1·47	99·99 / 49·64 / ... / ...	1·48 / 2·26 / 2·19 / 2·69	84·73 / 72·20 / ... / ...	1·31 / 2·64 / 2·09 / 2·74	82·23 / 77·01 / ... / ...
Shikárpur Canals District. { Sind Canal / Rajib / Ghit / Gárang Canals / Rohri	2,749 / 213 / 220 / 139 / 1,803	3,635 / ... / ... / ... / 1,849	... / ... / ... / ... / ...	3,635 / 762 / 762 / 762 / 1,849	3,23,761 / 1,04,113 / 1,04,895 / 1,01,876 / 1,60,826	3,26,416 / 1,04,875 / 1,05,314 / 1,02,638 / 1,71,675	3,28,242 / 27,546 / 27,546 / 27,546 / 1,74,139	1,03,009 / 9,178 / 8,664 / 6,162 / 1,09,791	63,317 / 6,664 / 61,213	31·38 / 33·10 / 63·05	1·24 / 1·15 / 1·79	37·47 / 42·76 / 72·50	3·68 / (4·50) / 4·18 / (4·02) / 2·09	114·29 / 165·61 / 172·45 / 175·57 / 109·54	3·92 / 4·59 / 2·93	119·74 / 174·29 / 113·84
Total, Productive Works ...	...	2,01,372	...	2,01,372	67,20,990	69,22,362	70,22,624	34,02,192	2,990,523	48·45	1·42	...	3·26	...	2·94	...
(2) Unproductive.																
Shikárpur Canals District. - Mahiwah ...	1,544	1,827	...	1,827	1,64,806	1,66,433	1,70,099	93,421	64,953	50·09	1·47	61·29	2·47	103·90	2·88	107·73
Nasrat Canals District. { Dad Canal / Nasrat Canal	2,102 / 195	2,185 / 195	... / ...	2,185 / 195	2,40,690 / 2,38,219	2,42,856 / 2,38,400	2,44,365 / 2,39,438	1,80,146 / 1,40,152	137,859 / 79,784	53·23 / 58·53	1·23 / 1·75	66·23 / 100·30	2·96 / 2·83	162·87 / 169·31	2·91 / 2·99	107·91 / 170·72
Karáchi Canals District { Sattah / Baghar	1,121 / 6,878	16 / 779	... / ...	16 / 779	37,383 / 74,168	37,383 / 74,947	37,429 / 79,453	20,277 / 49,021	12,961 / 29,574	54·17 / 63·65	1·57 / 1·71	18·01 / 75·90	2·82 / 2·03	53·48 / 11·04	2·82 / 2·55	33·36 / 11·39
Total, Unproductive Works ...	...	4,962	...	4,962	8,55,145	8,60,114	8,69,745	4,82,991	804,833	55·57	1·49	...	2·56	...	2·82	...
Grand Total, Productive and Unproductive Works ...	...	2,06,340	...	2,06,340	75,76,186	77,82,476	78,92,369	38,85,183	3,795,356	49·23	1·44	...	3·20	...	2·88	...

STATEMENT III-E.

STATEMENT III-E.

Statement of Quantity and Value of Crops irrigated in Sind during the year 1922-1923.

Description of Crops.		Begári Canals District.								
		Desert Canal.			Unhárwah.			Begári Canal.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		2	3	4	5	6	7	8	9	10
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice	40,641	20,86,619	51	40,38	2,27,498	56	76,102	34,39,565	45
	Jowári	43,543	10,85,358	25	10,613	2,57,567	24	73,987	16,12,074	20
	Bájri	34,866	7,92,053	23	37,476	8,24,472	22	26,916	5,39,986	20
	Cotton	13	1,671	129	9	2,176	242	10	957	96
	Other crops including Babul plantation	3,295	1,20,733	37	3,566	1,05,328	30	13,178	6,27,379	48
	Total	121,858	40,86,434	34	55,702	14,17,041	25	195,193	62,19,961	32
Rabi	Wheat	42,778	17,58,759	41	20,864	7,83,640	38	32,348	9,25,835	29
	Barley	12	479	40	4	109	27	6	155	26
	Oil-seeds	36,862	7,18,860	19	7,602	1,96,152	26	26,966	7,03,789	26
	Other crops including Babul plantation	54,787	12,32,114	23	21,508	3,18,956	15	88,931	20,71,703	23
	Total	134,439	37,59,712	28	49,978	12,98,857	26	148,251	37,01,482	26
Total under both Heads		256,297	78,46,146	30	105,680	27,15,898	26	343,444	99,21,443	29

Description of Crops.		Begári Canals District—*concluded.*						Shikárpur Canals District.		
		Canals from Kashmor Bund.			Total.			Mahiwáh.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		11	12	13	14	15	16	17	18	19
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice	42	2,604	62	120,823	57,56,286	48	5,247	119,100	23
	Jowári	600	11,887	19	133,743	29,66,686	22	28,936	6,26,012	21
	Bájri	1,321	14,873	11	100,079	21,71,384	22	11,886	2,55,558	21
	Cotton	8	1,142	143	40	5,946	149	102	2,147	21
	Other crops including Babul plantation	275	4,734	17	20,314	8,58,174	42	3,368	1,41,843	42
	Total	2,246	35,040	16	374,999	1,17,58,476	31	49,539	11,44,660	23
Rabi	Wheat	1,947	60,385	31	97,937	35,28,619	36	14,596	3,29,518	22
	Barley	...	...	...	22	743	34	23	597	25
	Oil-seeds	244	2,587	11	71,674	16,20,888	23	892	25,147	28
	Other crops including Babul plantation	506	6,950	14	165,732	36,79,723	22	3,982	1,82,825	46
	Total	2,697	69,922	26	335,365	88,29,973	27	19,493	5,38,087	27
Total under both Heads		4,943	1,04,962	21	710,364	2,05,88,449	29	69,032	16,82,747	27

STATEMENT III-E—*continued.*

Description of Crops.	Sheikhupur Canals District—*continued.*								
	Canals in Rohri.			Sind Canal.			Rajib Canal.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	20	21	22	23	24	25	26	27	28
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif—Rice	3,016	98,475	30	27,604	6,67,533	24	3,749	1,31,215	35
Kharif—Jowári	35,616	7,56,544	21	26,901	4,54,329	14	1,908	47,700	25
Kharif—Bájri	2,552	63,434	24	2,502	43,111	17	3	75	25
Kharif—Cotton	278	4,667	17	24	1,048	43	1	48	48
Kharif—Other crops including Babul plantation	2,424	69,813	30	5,852	2,66,306	45	378	15,120	40
Kharif—Total	43,886	9,87,933	22	62,883	14,32,327	23	6,039	1,94,158	32
Rabi—Wheat	16,908	5,52,880	32	10,889	2,59,969	24	1,686	83,300	50
Rabi—Barley	36	840	23	5	120	24	1	35	35
Rabi—Oil-seeds	1,023	28,063	27	2,788	61,187	22	226	4,520	20
Rabi—Other crops including Babul plantation	2,122	85,460	40	20,910	5,28,783	25	3,376	1,35,040	40
Rabi—Total	20,089	6,67,243	33	34,592	8,59,159	24	5,289	2,22,895	42
Total under both Heads	63,975	16,55,176	30	97,475	22,91,486	23	11,328	4,17,053	36

Description of Crops.	Sheikhupur Canals District—*continued.*								
	Chitti Canal.			Garang Canal.			Bands in Rohri including Kassimpur Bunds.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	29	30	31	32	33	34	35	36	37
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif—Rice	2,700	94,500	35	444	15,540	35	3	120	40
Kharif—Jowári	1,800	45,000	25	2,136	53,400	25	671	13,420	20
Kharif—Bájri	6	150	25	27	675	25	...	...	...
Kharif—Cotton	...	...	...	1	48	48	...	...	...
Kharif—Other crops including Babul plantation	498	19,888	40	344	13,696	40	55	1,650	30
Kharif—Total	5,004	1,59,538	32	2,952	83,359	28	729	15,190	21
Rabi—Wheat	1,597	79,850	50	1,871	93,550	50	1,193	47,720	40
Rabi—Barley	...	...	...	...	...	...	2	53	27
Rabi—Oil-seeds	364	7,280	20	153	3,060	20	32	853	27
Rabi—Other crops including Babul plantation	4,588	1,83,520	40	1,915	76,600	40	28	840	30
Rabi—Total	6,549	2,70,650	41	3,939	1,73,210	45	1,255	49,466	39
Total under both Heads	11,553	4,30,188	37	6,891	2,56,569	37	1,984	64,656	33

STATEMENT III-E—*continued.*

Description of Crops		Shikárpur Canals District—*concluded.*						Ghar Canals District		
		Sukkur Begári Bund.			Total, Shikarpur Canals District.			Sukkur Canal.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		38	39	40	41	42	43	44	45	46
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs	Acres.	Rs.	Rs.
Kharif ...	Rice ...	1,512	52,895	35	44,275	11,74,375	26	46,697	8,52,611	18
	Jowári ...	1,857	45,305	24	99,825	20,41,710	20	16,396	2,09,279	13
	Bájri ...	33	615	19	17,009	3,63,618	21	424	4,585	11
	Cotton ...	14	696	49	420	8,954	20	4	280	70
	Other crops including Babul plantation ...	294	11,900	40	13,213	5,40,216	40	3,900	38,069	10
	Total ...	3,710	1,11,411	30	174,742	41,28,576	23	67,421	11,04,824	16
Rabi ...	Wheat ...	3,050	1,35,924	44	51,790	15,91,811	30	19,762	4,45,708	23
	Barley ...	13	455	35	80	2,100	26	21	226	11
	Oil-seeds ...	227	4,540	20	5,705	1,34,650	20	8,407	1,48,359	18
	Other crops including Babul plantation ...	3,519	1,37,420	39	40,440	13,30,488	33	27,667	2,95,483	11
	Total ...	6,809	2,78,339	40	98,015	30,59,049	31	55,857	8,89,776	16
Total under both Heads ...		10,519	3,89,750	37	272,757	71,87,625	26	123,278	19,94,600	16

Description of Crops.		Ghar Canals District—*concluded.*								
		Ghár Canal.			Ghár Bunds.			Total, Ghar Canals District.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		47	48	49	50	51	52	53	54	55
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif ...	Rice ...	199,959	72,20,335	36	...	...	...	246,656	80,72,946	33
	Jowári ...	21,426	3,34,084	16	188	4,010	21	38,020	5,47,373	14
	Bájri ...	659	5,340	8	...	...	...	1,083	9,925	9
	Cotton ...	15	244	16	...	...	...	19	524	28
	Other crops including Babul plantation ...	6,614	75,285	11	143	5,506	38	10,662	1,18,860	11
	Total ...	228,663	76,35,288	33	336	9,516	28	296,440	87,49,628	30
Rabi ...	Wheat ...	27,820	5,44,400	20	227	10,308	47	47,809	10,00,716	21
	Barley ...	47	501	11	2	70	35	70	797	11
	Oil-seeds ...	34,352	2,84,956	8	18	380	21	42,777	4,33,695	10
	Other crops including Babul plantation ...	90,676	3,03,083	3	43	1,688	39	118,386	6,00,254	5
	Total ...	152,895	11,32,940	7	290	12,746	44	209,042	20,35,462	10
Total under both Heads ...		381,578	87,68,228	23	626	22,262	36	505,482	107,85,090	21

STATEMENT III-E—*continued.*

Description of Crops.		Karachi Canals District.					
		Sattah			Baghar.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		56	57	58	59	60	61
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif...	Rice ...	11,492	4,59,680	40	24,931	997,240	40
	Jowári ...	4	200	50	120	6,000	50
	Bájri ...	1,254	1,00,320	80	1,423	1,13,840	80
	Cotton ...	...	...	...	...	...	...
	Other crops including Babul plantation ...	100	9,000	90	737	66,330	90
	Total ...	12,850	5,69,200	44	27,211	11,83,410	43
Rabi ...	Wheat ...	10	1,200	120	...	...	...
	Barley ...	17	850	50	1,037	51,850	50
	Oil-seeds ...	37	4,440	120	325	39,000	120
	Other crops including Babul plantation ...	202	18,180	90	8,096	7,28,640	90
	Total ...	266	24,670	93	9,458	8,19,490	86
Total under both Heads ...		13,116	5,93,870	45	36,669	20,02,900	54

Description of Crops.		Karachi Canals District—*continued.*					
		Kalri.			Indus Canals Right Bank.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		62	63	64	65	66	67
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif...	Rice ...	21,777	8,71,080	40	27,988	11,19,520	40
	Jowári ...	677	33,850	50	15	750	50
	Bájri ...	3,302	2,64,160	80	49	3,920	80
	Cotton ...	...	...	...	...	...	...
	Other crops including Babul plantation ...	408	36,720	90	45	4,050	90
	Total ...	26,164	12,05,810	46	28,097	11,28,240	40
Rabi ...	Wheat ...	50	6,000	120	...	...	...
	Barley ...	1,259	62,950	50	303	15,400	50
	Oil-seeds ...	970	1,16,400	120	811	97,320	120
	Other crops including Babul plantation ...	3,176	2,85,840	90	4,275	3,84,750	90
	Total ...	5,455	4,71,190	86	5,394	4,97,470	92
Total under both Heads ...		31,619	16,77,000	53	33,491	16,25,710	48

STATEMENT III-E—*continued.*

Description of Crops.	Karachi Canals District—*continued.* Pinyari. Area irrigated.	Estimated value.	Value per acre.	Indus Canals Left Bank. Area irrigated.	Estimated value.	Value per acre.
1	68	69	70	71	72	73
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif... Rice	81,674	32,66,960	40	34,880	13,95,200	40
Kharif... Jowári	37	1,850	50	188	9,400	50
Kharif... Bájri	1,149	91,920	80	880	70,400	80
Kharif... Cotton	8	112	14	.....	.....	...
Kharif... Other crops including Babul plantation	1,446	1,30,140	90	220	19,800	90
Kharif... Total	84,314	34,90,982	41	36,168	14,94,800	41
Rábi ... Wheat	113	13,560	120	4	480	120
Rábi ... Barley	1,215	60,750	50	238	11,900	50
Rábi ... Oil-seeds	16,861	20,23,320	120	3,357	4,02,840	120
Rábi ... Other crops including Babul plantation	1,857	1,67,130	90	950	85,500	90
Rábi ... Total	20,046	22,64,760	101	4,549	5,00,720	110
Total under both Heads	104,360	57,55,742	55	40,717	19,95,520	49

Description of Crops.	Karachi Canals District—*concluded.* Bunds in Karachi Canals District. Area irrigated.	Estimated value.	Value per acre.	Total, Karachi Canals District. Area irrigated.	Estimated value.	Value per acre.
1	74	75	76	77	78	79
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif... Rice	9,073	3,62,920	40	211,815	84,72,600	40
Kharif... Jowári	4	200	50	1,045	52,250	50
Kharif... Bájri	113	9,040	80	8,170	6,53,600	80
Kharif... Cotton	.....	.....	...	8	112	14
Kharif... Other crops including Babul plantation	8	720	90	2,964	2,66,760	90
Kharif... Total	9,198	3,72,880	40	224,002	94,45,322	42
Rábi ... Wheat	.....	.....	...	177	21,240	120
Rábi ... Barley	201	10,050	50	4,275	2,13,750	50
Rábi ... Oil-seeds	140	16,800	120	22,501	27,00,120	120
Rábi ... Other crops including Babul plantation	922	82,980	90	19,478	17,53,020	90
Rábi ... Total	1,263	1,09,830	87	46,431	46,82,130	110
Total under both Heads	10,461	4,82,710	46	270,433	1,41,33,452	52

STATEMENT III-E—*continued.*

Description of Crops.	Western Nara District. Canals and Bunds.			Indus Right Bank Division. Total.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	80	81	82	83	84	85
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif ... Rice	173,215	65,95,263	38	796,784	3,00,71,473	37
Kharif ... Jowári	43,812	12,67,210	29	316,445	68,75,229	22
Kharif ... Bajri	3,704	2,32,998	63	130,045	34,31,525	26
Kharif ... Cotton	215	3,064	14	702	18,300	26
Kharif ... Other crops including Babul plantation	5,204	1,57,285	30	52,357	19,41,295	37
Kharif ... Total	226,150	82,55,820	37	1,296,333	4,23,37,822	33
Rabi ... Wheat	51,047	16,75,685	33	248,760	78,18,071	31
Rabi ... Barley	1,569	18,675	12	6,016	2,36,065	38
Rabi ... Oil-seeds	37,851	5,49,643	15	180,508	54,38,996	30
Rabi ... Other crops including Babul plantation	83,816	16,67,982	20	427,852	90,31,467	21
Rabi ... Total	174,283	39,11,985	22	863,136	2,25,24,599	26
Total under both Heads	400,433	1,21,67,805	30	2,159,469	6,48,62,421	30

Description of Crops.	Northern and Southern Jámrá'o Canal Districts. Jámráo Canal.			Eastern Nára District. Nára Supply Channel.			Eastern Nára.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	86	87	88	89	90	91	92	93	94
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif ... Rice	29	993	34	1,347	53,880	40	12,075	3,15,142	26
Kharif ... Jowári	5,996	1,07,419	18	845	16,900	20	336	6,170	18
Kharif ... Bajri	55,939	13,36,972	24	117	1,755	15	20,788	3,79,024	18
Kharif ... Cotton	102,435	71,68,186	70	15	450	30	5,979	4,60,293	77
Kharif ... Other crops	6,888	1,04,544	15	134	4,020	30	256	6,650	26
Kharif ... Total	171,287	87,18,214	51	2,458	77,005	31	39,434	11,67,279	30
Rabi ... Wheat	57,108	83,86,151	147	6,586	2,63,440	40	5,559	1,40,708	25
Rabi ... Barley	1,244	20,994	17	25	667	25	63	1,085	17
Rabi ... Oil-seeds	2,840	44,874	16	666	17,760	27	2,092	29,031	14
Rabi ... Other crops	10,045	1,19,083	12	3,464	1,03,920	30	1,355	44,848	33
Rabi ... Total	71,237	85,71,112	120	10,741	3,85,787	36	9,069	2,15,672	24
Total under both Heads	242,524	1,72,89,326	71	13,199	4,62,792	35	48,503	13,82,951	29

STATEMENT III-E—*continued.*

Description of Crops.		Eastern Nára District—*continued.*								
		Mithrão Canal.			Thar Canal.			Khipro Canal.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		95	96	97	98	99	100	101	102	103
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice	30,182	6,33,598	21	25,016	16,05,193	64	404	10,277	25
	Jowári	599	10,182	17	27	486	18	3	49	16
	Bájri	23,380	4,25,118	18	6,488	1,55,712	24	2,517	46,935	19
	Cotton	33,677	25,46,304	75	3,736	2,18,556	59	659	52,720	80
	Other crops	421	10,070	24	269	14,347	53	2	60	30
	Total	88,259	36,25,272	41	35,536	19,94,294	56	3,585	1,10,041	31
Rabi	Wheat	6,971	2,01,016	29	6,905	2,58,937	37	136	3,987	29
	Barley	10	150	15	2	42	21	...	...	...
	Oil-seeds	1,297	16,900	13	3,685	55,275	15	91	1,364	15
	Other crops	1,232	32,722	27	802	33,620	42	21	470	22
	Total	9,510	2,50,588	26	11,394	3,47,874	30	248	5,811	23
Total under both Heads		97,769	38,75,860	40	46,930	23,42,168	50	3,833	1,15,852	30

Description of Crops.		Eastern Nára District—*concluded.*					
		Hirai Canal.			Total, Eastern Nara District.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		104	105	106	107	108	109
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice	3,996	68,265	17	73,020	26,86,355	37
	Jowári	52	680	13	1,862	34,467	19
	Bájri	3,925	70,650	18	57,215	10,79,194	19
	Cotton	4,089	2,61,696	64	43,155	35,40,019	74
	Other crops	114	1,140	10	1,196	36,287	30
	Total	12,176	4,02,431	33	1,81,448	73,76,322	41
Rabi	Wheat	2,181	63,976	29	28,338	9,32,064	33
	Barley	2	28	14	102	1,972	19
	Oil-seeds	349	4,101	12	8,180	1,24,221	15
	Other crops	32	960	30	6,906	2,18,540	31
	Total	2,564	69,065	27	43,526	12,74,797	29
Total under both Heads		14,740	4,71,496	32	2,24,974	86,51,119	38

STATEMENT III-E—*continued.*

Description of Crops.		Nasrat Canals District.								
		Dad Canal.*			Nasrat Canal.			Navlakhi Canal.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		110	111	112	113	114	115	116	117	118
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice ...	22,240	6,29,324	28	149	1,639	11	5,441	55,554	10
	Jowári ...	29,868	7,06,953	24	28,714	5,49,070	19	28,559	4,46,058	16
	Bájri ...	32,923	9,10,309	28	16,138	3,67,005	23	5,340	86,581	16
	Cotton ...	8,948	4,54,415	51	18,401	10,83,398	59	704	10,754	15
	Other crops ...	8,530	2,61,330	31	11,384	2,40,056	21	1,972	66,904	34
	Total ...	1,02,504	29,62,331	29	74,786	22,41,168	30	42,016	6,65,851	16
Rabi	Wheat ...	7,433	1,64,748	22	1,419	34,790	24	6,838	1,48,620	22
	Barley ...	905	10,564	12	9	267	30	44	968	22
	Oil-seeds ...	6,726	1,97,308	29	2,949	79,382	27	1,410	40,987	29
	Other crops ...	8,960	2,07,356	23	1,035	13,194	13	539	7,708	14
	Total ...	24,024	5,79,976	24	5,412	1,27,633	24	8,831	1,98,283	22
Total under both Heads ...		1,26,528	35,42,307	28	80,198	23,68,801	30	50,847	8,64,134	17

Description of Crops.		Nasrat Canals District—*concluded.*						Hyderabad Canals District.		
		Other Canals.			Total, Nasrat Canals District.			Alibahar Kacheri.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		119	120	121	122	123	124	125	126	127
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice ...	1,294	15,438	12	29,124	7,01,955	24	266	8,512	32
	Jowári ...	15,381	2,44,091	16	1,02,522	19,46,172	19	743	21,816	29
	Bájri ...	5,203	85,996	17	59,604	14,49,891	24	7,677	2,30,310	30
	Cotton ...	60	1,569	26	28,108	15,50,136	55	2,705	1,06,440	39
	Other crops ...	546	28,060	51	22,432	5,96,350	27	161	7,497	47
	Total ...	22,484	3,75,154	17	2,41,790	62,44,504	26	11,552	3,74,575	32
Rabi	Wheat ...	3,349	74,811	22	19,039	4,22,969	22	196	7,330	37
	Barley ...	168	2,679	16	1,126	14,478	13	...	...	...
	Oil-seeds ...	301	9,068	30	11,336	3,26,745	29	349	8,636	25
	Other crops ...	210	7,994	38	10,744	2,36,252	22	977	20,082	21
	Total ...	4,028	94,552	23	42,295	10,00,444	24	1,522	36,048	24
Total under both Heads ...		26,512	4,69,706	18	2,84,085	72,44,948	26	13,074	4,10,623	31

* Includes Rori Distributary in charge of the Executive Engineer, Hyderabad Canals District.

STATEMENT III-E—*continued.*

Description of Crops.		Hyderabad Canals District—*continued.*								
		Great Márak.			Sarfraz.			Other Canals.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		128	129	130	131	132	133	134	135	136
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice ...	11,779	4,24,003	36	450	15,258	34	1,039	39,928	38
	Jowári ...	1,937	51,750	27	647	18,084	28	3,522	97,086	28
	Bájri ...	33,460	9,52,782	28	16,122	4,63,842	29	78,796	24,47,865	31
	Cotton ...	20,099	11,65,998	58	5,980	2,96,230	50	37,962	17,21,107	45
	Other crops ...	1,099	42,599	39	871	44,554	51	4,893	2,80,159	57
	Total ...	68,374	26,37,132	39	24,070	8,37,968	35	1,28,212	45,86,445	36
Rabi	Wheat ...	765	29,497	39	750	25,407	34	2,441	91,321	37
	Barley ...	...	...	...	2	60	30	2	51	26
	Oil-seeds ...	1,225	29,311	24	599	21,910	37	1,858	52,178	28
	Other crops ...	6,129	83,493	14	1,493	38,496	26	16,417	2,50,445	15
	Total ...	8,119	1,42,301	18	2,844	85,873	30	20,718	3,93,995	19
Total under both Heads ...		76,493	27,79,433	36	26,914	9,23,841	34	1,46,930	49,80,440	34

Description of Crops.		Hyderabad Canals District—*concluded.*			Fuleli Canals District.					
		Total, Hyderabad Canals District.*			Fuleli Canal.			Hasanali Canal.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		137	138	139	140	141	142	143	144	145
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice ...	13,534	4,87,701	36	2,24,395	62,85,486	28	13,485	4,04,550	30
	Jowári ...	6,849	1,89,036	28	4,958	1,23,189	25	96	1,440	15
	Bájri ...	1,36,055	40,94,799	30	61,364	15,56,018	25	2,291	45,820	20
	Cotton ...	66,746	32,89,775	49	19,948	9,67,992	49	126	4,536	36
	Other crops ...	7,024	3,74,809	53	8,234	3,84,371	47	259	11,573	45
	Total ...	2,30,208	84,36,120	37	3,18,899	93,17,036	29	16,257	4,67,919	29
Rabi	Wheat ...	4,152	1,53,555	37	33,370	9,23,871	28	13	260	20
	Barley ...	4	111	28	1,329	42,735	28	14	240	16
	Oil-seeds ...	4,031	1,12,085	28	37,956	8,73,983	23	1,048	15,665	15
	Other crops ...	25,016	3,92,516	16	18,595	4,77,316	26	182	2,283	13
	Total ...	33,203	6,58,217	20	91,750	23,17,905	25	1,252	18,448	15
Total under both Heads ...		2,63,411	90,94,337	35	4,10,649	1,16,34,941	28	17,509	4,86,337	28

* Excludes Ren Distributary incorporated with Dad Canals in Nasrat Canals District.

STATEMENT III-E—*concluded.*

Description of Crops.		Fulleli Canals District—*concluded.*					
		Other Canals.			Total.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		146	147	148	149	150	151
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice	14,699	4,76,690	32	2,52,579	71,68,726	28
	Jowári	361	6,795	19	5,415	1,31,404	24
	Bájri	7,333	1,79,208	24	70,988	17,81,046	25
	Cotton	823	41,764	51	20,397	10,14,292	49
	Other crops	363	14,795	41	8,856	4,10,739	46
	Total	23,579	7,19,252	31	3,58,735	1,05,74,207	29
Rabi	Wheat	814	26,555	33	34,197	9,50,686	28
	Barley	75	1,755	23	1,918	44,700	23
	Oil-seeds	2,478	1,65,185	67	41,477	10,54,833	25
	Other crops	1,536	39,268	26	20,313	5,18,867	26
	Total	4,903	2,32,763	47	97,905	25,69,086	26
Total under both Heads		28,482	9,52,015	33	4,56,640	1,30,73,293	29

Description of Crops.		Indus Left Bank Division.			Grand Total for Sind.		
		Total.					
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		152	153	154	155	156	157
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice	3,68,286	1,10,43,780	30	1,165,070	4,11,15,203	35
	Jowári	1,22,644	24,08,498	20	439,089	92,83,727	21
	Bájri	3,79,801	97,41,902	26	509,846	1,31,73,427	25
	Cotton	2,66,341	1,65,62,408	62	267,043	1,65,80,708	62
	Other crops	46,396	15,22,829	33	98,753	34,64,124	35
	Total	11,83,468	4,12,79,367	35	2,479,801	8,36,17,189	33
Rabi	Wheat	1,42,834	1,08,45,435	76	391,594	1,86,63,506	47
	Barley	4,394	83,255	19	10,310	3,18,320	30
	Oil-seeds	67,914	16,62,708	24	248,422	71,01,704	28
	Other crops	73,024	14,83,258	20	500,876	1,05,14,725	20
	Total	2,88,166	1,40,73,656	49	1,151,302	3,65,98,255	31
Total under both Heads		14,71,634	5,53,53,023	38	3,631,103	12,02,15,444	33

STATEMENT

Comparative Statement of Irrigation and Rainfall for

Civil District.	Of the Civil District.			Works supplying Irrigation.		Cultivable Area commanded by the Irrigation Works in column 6 in Acres.
	Total Area in Acres.	Cultivable Area in Acres.	Cultivated Area in Acres.	No.	Name.	
1	2	3	4	5	6	7
	Acres.	Acres.	Acres.			Acres.
Kelat Territory....	513,105	276,920	120,868	1	Desert Canal	101,493
				2	Begári Canal	180,000
					Total ..	281,493
Upper Sind Frontier.	1,725,237	1,238,017	616,843	3	Desert Canal	287,492
				4	Unharwáh	214,035
				5	Begári Canal	476,987
				6	Canals from Kashmor Bund	29,401
				7	Sukkur Canal	50,618
				8	Ghár Canal	53,714
				9	Sind Canal	4,119
				10	Canals in Rohri	...
					Total ...	1,056,287
Sukkur Collectorate.	3,588,073	1,851,583	476,811	11	Begári Canal	83,334
				12	Sukkur Canal	58,056
				13	Ghár Canal	942
				14	Ghár Bunds	2,940
				15	Mahiwáh	145,445
				16	Sind Canal	136,919
				17	Canals in Rohri	146,498
				18	Garang Canal	17,900
				19	Rajib Canal	12,400
				20	Chitti Canal	13,200
				21	Bunds in Rohri	5,450
				22	Sukkur-Begári Bund	19,263
				23	Nára Supply Channel	26,000
					Total ...	722,352
Lárkána Collectorate.	1,866,794	1,121,618	397,784	24	Begári Canal	300
				25	Sukkur Canal	60,320
				26	Ghár Canal	330,316
				27	Ghár Bunds	220
				28	Sind Canal	60
				29	Western Nára	344,264
				30	New Feeder	1,650
				31	Pritchard Canal	19,461
				32	Wahnrwah	7,150
				33	Marvi	9,521
				34	Dádu Canal	20,554
				35	Phitta Canal	11,960
				36	Manchar	19,000
				37	Aral	9,000
				38	Nára Bunds	9,793
					Total ...	903,948
Karáchi Collectorate.	5,429,871	1,848,578	326,094	39	Canals north of Kotri	20,289
				40	Bunds north of Kotri	142
				41	Kalri	40,917
				42	Baghar	95,301
				43	Pinyári	185,600
				44	Indus Canals, Right Bank	198,701
				45	Indus Canals, Left Bank	94,048
				46	Buttah Canal	84,294
				47	Bunds, Right Bank	18,296
				48	Bunds, Left Bank	8,773
				49	Other Canals (Mulchand)	13,622
					Total ...	692,253

IV-E.

the years 1921-1922 and 1922-1923 in Sind.

Area at present cultivated as annually irrigated by the works specified in column 4.	Area irrigated in Acres.						Rainfall.		Remarks.
	1921-1922.			1922-1923.			1 April 1922.	1922-1923.	
	Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.			
8	9	10	11	12	13	14	15	16	17
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Ins. cts.	Ins. cts.	
65,000	38,238	20,110	58,348	38,045	40,214	78,259	5 53	1 85	
30,000	21,031	188	21,243	20,862	5,789	26,641	4 87	1 68	
99,000	59,294	20,298	79,592	58,397	46,003	99,900			
130,000	89,052	89,033	178,085	88,813	94,225	183,038	5 53	1 85	
70,000	45,826	41,967	87,853	65,762	40,976	106,680	3 90	1 91	
200,000	137,015	90,595	227,610	129,457	117,863	247,310	4 87	1 68	
4,000	1,397	2,009	3,406	2,246	2,697	4,943	6 69	1 84	
36,687	5,663	6,049	11,712	8,754	11,717	20,471	6 37	1 34	
20,135	7,237	5,644	12,911	11,194	5,994	17,188			
...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	
460,772	275,990	235,237	511,277	296,106	282,464	578,570			
50,000	39,462	18,512	57,964	44,884	24,609	69,493	4 87	1 68	
49,166	17,774	11,212	28,986	19,574	14,122	33,696			
550	176	225	401	112	288	400	2 07	1 10	
1,900	231	453	684	338	287	625			
99,000	41,577	17,423	59,999	49,539	19,493	69,032			
111,372	47,863	27,040	74,903	62,883	34,584	97,467			
32,968	30,010	16,220	46,248	43,336	20,089	63,975			
9,500	1,647	3,361	4,908	2,952	3,939	6,891			
11,300	4,243	4,013	8,256	5,039	5,289	11,328	8 23	1 63	
14,500	4,099	5,734	9,833	5,904	6,549	11,553			
4,180	444	1,376	1,820	729	1,266	1,994			
13,000	3,217	6,954	10,171	3,710	6,809	10,519			
12,900	1,645	9,901	11,546	2,468	10,741	13,199			
							...	...	
459,336	192,287	132,332	314,619	242,106	148,054	390,160			
125	...	...	...	...	...	...	4 87	1 68	
50,337	35,581	24,118	59,799	39,093	30,018	69,111			
338,132	136,332	126,345	326,677	217,437	146,613	364,050	13 17	4 08	
10	7	...	7	...	3	3			
10	...	...	...	...	8	8			
288,468	197,672	129,894	327,566	190,526	132,016	326,542			
1,500	641	376	1,017	593	142	735			
12,580	9,189	3,846	13,035	9,243	4,427	13,670			
3,150	1,226	1,734	2,960	1,354	1,114	2,468			
6,400	2,919	1,627	4,546	3,832	2,195	5,857	8 73	1 85	
21,550	7,902	5,592	13,894	9,150	3,902	11,752			
10,400	2,770	1,432	4,202	2,896	1,769	4,665			
20,500	1,128	13,248	14,376	1,966	12,266	12,232			
13,000	2,801	9,085	11,886	1,691	8,403	10,064			
8,415	1,534	1,219	2,753	1,581	531	2,112			
7,58,642	461,932	320,866	782,348	476,897	347,107	824,004			
17,500	5,529	4,188	9,713	5,783	3,784	9,567	8 73	1 85	
80	14	4	18	...	34	34			
28,900	13,957	3,542	17,499	26,164	5,455	31,619	10 4	2 11	
51,800	28,670	7,262	35,932	27,311	9,468	36,669	11 19	1 83	
119,620	79,719	16,532	96,251	84,314	20,045	104,360	7 4	2 75	
49,600	24,554	4,588	29,442	25,097	5,394	33,491	11 2	2 8	
42,258	36,093	3,796	39,889	36,168	4,549	40,717	6 85	2 56	
17,229	13,776	324	14,100	12,860	256	13,116	7 8	2 30	
5,910	3,133	162	3,295	6,061	1,057	6,118	11 48	2 34	
4,747	4,094	597	4,691	4,187	206	4,343	6 52	2 59	
9,991	7,632	938	7,970	3,811	1,221	5,033	...	...	
347,735	216,871	41,918	258,789	233,596	51,470	285,066			

STATEMENT

Civil District.	Of the Civil District.			Works supplying Irrigation.			Cultivable Area commanded by the Irrigation Works in column 6 in Acres.
	Total Area in Acres.	Cultivable Area in Acres.	Cultivated Area in Acres.	No.	Name.		
	2	3	4	5	6		7
	Acres.	Acres.	Acres.				Acres.
Thar and Parkar Collectorate.	8,727,011	4,192,160	931,166	*50	Jámrão Canal		598,872
				51	Eastern Nára		501,420
				52	Mithrão Canal		406,579
				53	Khipro Canal		38,645
				54	Thar Canal		186,000
				55	Hiral Canal		50,154
				56	Ghâro Muhmado		30,059
				57	Kari Shumali		210,076
						Total ...	1,967,025
Nawabshah Collectorate.	2,494,015	1,672,788	442,601	58	Jamrão Canal		204,446
				59	Mehrabwah		68,940
				60	Nasrat Canal		329,113
				61	Naulákhi		163,189
				62	Dámbro		51,250
				63	Dad Canal		313,721
				64	Ren Distributary ex Dad		12,756
				65	Renwah		1,253
				66	Allahbar Kachori		42,615
				67	Great Márak		114,289
				68	Ghâro Muhmado		116,034
				69	Other Canals		24,897
						Total ...	1,429,554
Hyderabad Collectorate.	2,838,955	2,803,565	598,907	70	Jámrão Canal		2,566
				71	Allahbar Kacheri		12,165
				72	Great Márak		38,603
				73	Ghâro Muhmado		101,689
				74	Sarfraz		110,474
				75	Kari Shumali		220,445
				76	Nasirwah		123,566
				77	Other Canals		122
				78	Fuleli Canal		1,627,574
				79	Hazanali Canal		77,420
				80	Other Canals		78,695
						Total ...	2,289,319
	27,179,151	14,582,224	4,480,014			Grand Total ...	9,942,231

Note.—The difference in the figures of columns 2, 3, 4, 7 and 8 as compared with

IV-E—*concluded.*

Area at present estimated as annually irrigated by the works specified in column 6.	Area irrigated in Acres.						Rainfall.		Remarks.
	1921-1922.			1922-1923.			1921-1922.	1922-1923.	
	Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.			
8	9	10	11	12	13	14	15	16	17
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Ins. cts.	Ins. cts.	
103,000	110,461	34,216	144,677	128,042	58,401	186,443	7 91	2 96	
41,900	29,087	9,729	38,816	39,434	9,069	48,503	10 49	3 03	
142,500	70,780	5,848	76,628	88,259	9,510	97,769	8 96	3 03	
2,000	1,688	425	2,113	3,585	248	3,833	10 42	...	
35,000	31,481	7,808	39,239	35,536	11,394	46,930	13 22	5 47	
18,000	10,463	1,487	11,950	12,176	2,564	14,740	10 35	3 74	
3,000	4,062	203	4,265	4,226	290	4,516	9 10	4 88	
4,000	3,300	106	3,406	3,903	107	4,010	9 41	4 45	
349,400	261,272	59,822	321,094	315,161	91,583	406,744			
55,050	35,573	7,817	43,390	43,245	12,821	56,066	6 82	1 64	
7,050	4,869	440	5,309	7,019	341	7,360	3 59	1 2	
76,800	72,207	7,803	80,010	74,786	5,412	80,198	3 73	1 67	
46,900	35,118	6,891	42,009	42,016	8,831	50,847	3 72	1 30	
10,570	10,052	2,044	12,096	11,713	2,010	13,723	4 81	1 5	
103,100	84,859	22,344	107,203	94,819	22,432	117,251	6 96	2 79	
10,000	6,911	1,231	8,142	7,635	1,592	9,277	10 21	5 14	
500	305	135	440	381	157	538	10 21	5 14	
9,490	8,684	1,370	10,054	9,964	1,397	11,361	9 35	4 90	
61,960	57,945	6,177	64,122	60,722	6,624	67,346	8 72	4 12	
19,280	20,510	2,458	22,968	19,584	2,544	22,078	9 10	4 88	
6,840	4,283	3,272	7,555	4,469	2,087	6,556	7 57	3 49	
407,240	340,816	62,482	403,298	376,353	66,248	442,601			
15	...	...	...	...	15	15	...	...	
1,708	1,432	197	1,629	1,588	125	1,713	9 35	4 90	
9,082	6,837	1,385	8,222	7,652	1,495	9,147	8 92	4 12	
49,092	39,803	10,746	50,549	39,155	10,802	49,957	9 10	4 88	
26,728	23,181	2,526	25,667	24,070	2,844	26,914	10 70	2 97	
32,456	28,582	3,008	31,590	29,830	2,739	32,569	9 41	4 45	
31,782	24,114	3,520	27,634	28,431	3,626	32,057	9 98	3 44	
78	54	36	90	35	43	78	...	...	
403,577	331,086	64,812	395,898	3 8,899	91,750	410,649	10 7	2 18	
17,403	14,793	1,426	16,219	16,257	1,252	17,509	10 19	4 9	
21,863	19,317	2,271	21,588	19,768	3,682	23,450	12 4	4 9	
593,779	489,149	89,927	579,076	485,685	118,373	604,058			
3,482,204	2,297,661	952,932	3,250,593	2,479,801	1,151,802	3,631,103			

the last year is due to revised figures reported by the Collectors.

BOMBAY: PRINTED AT THE GOVERNMENT CENTRAL PRESS.

NORTHERN DIVISION

BOMBAY PRESIDENCY

TO ACCOMPANY THE IRRIGATION ADMINISTRATION REPORT

1922-23.

SCALE 20 MILES TO 1 INCH.

REFERENCES.

- AHMEDABAD DISTRICT.
- KAIRA DISTRICT.
- PANCHMAHALS DISTRICT.
- BROACH DISTRICT.
- SURAT DISTRICT.

GUJARAT IRRIGATION DISTRICT.

Works in operation.

AHMEDABAD COLLECTORATE.

1. Hathmati Canal
2. Brahmani Reservoir
3. Pasnai Hathmati Drainage
4. Viramgam Drainage.
5. Narsinggpur Drainage
6. Ghoda Feeder.
7. Open Drain.
8. Drain from Godhpur to Ajwa.
9. Chekla Drain.
10. Khari Cut.
11. Chandola Tank.
12. Wasai Rampur.

KAIRA COLLECTORATE.

13. Khari Shirore.
14. Gobhlaj Tank.
15. Gelki Tank.
16. Bhavai Reservoir
17. Mater Drain.
18. Tranje Tank.
19. Nagrama Tank.
20. Anand Mogri Drain.
21. Karamsad Drain.
22. Saint Tank.
23. Sarfi Tank.
24. Wangroli Tank

PANCHMAHALS COLLECTORATE

25. Mandelao Tank.
26. Rameshwar Tank.
27. Mawalia Tank.
28. Gazibeda Tank.
29. Malav Tank.
30. Fatelao Tank.
31. Dangalia Tank.
32. Bodidra Tank.

AHMEDABAD COLLECTORATE.

Incomplete Works.

33. Timba Tank

KAIRA COLLECTORATE.

34. Parej Tank.
35. Kanbha Tank
36. Kantharia Tank.
37. Naina Reservoir
38. Phulsar Tank.

PANCHMAHALS COLLECTORATE

39. Kanelao Tank.
40. Orwada Tank.
41. Gamdi Tank.
42. Rajgria Wandali Tank.
43. Wada Talao.
44. Chharchhoda Ambli Tank.
45. Sukt River Project.
46. Warod Sapni Tank.

BROACH DISTRICT.

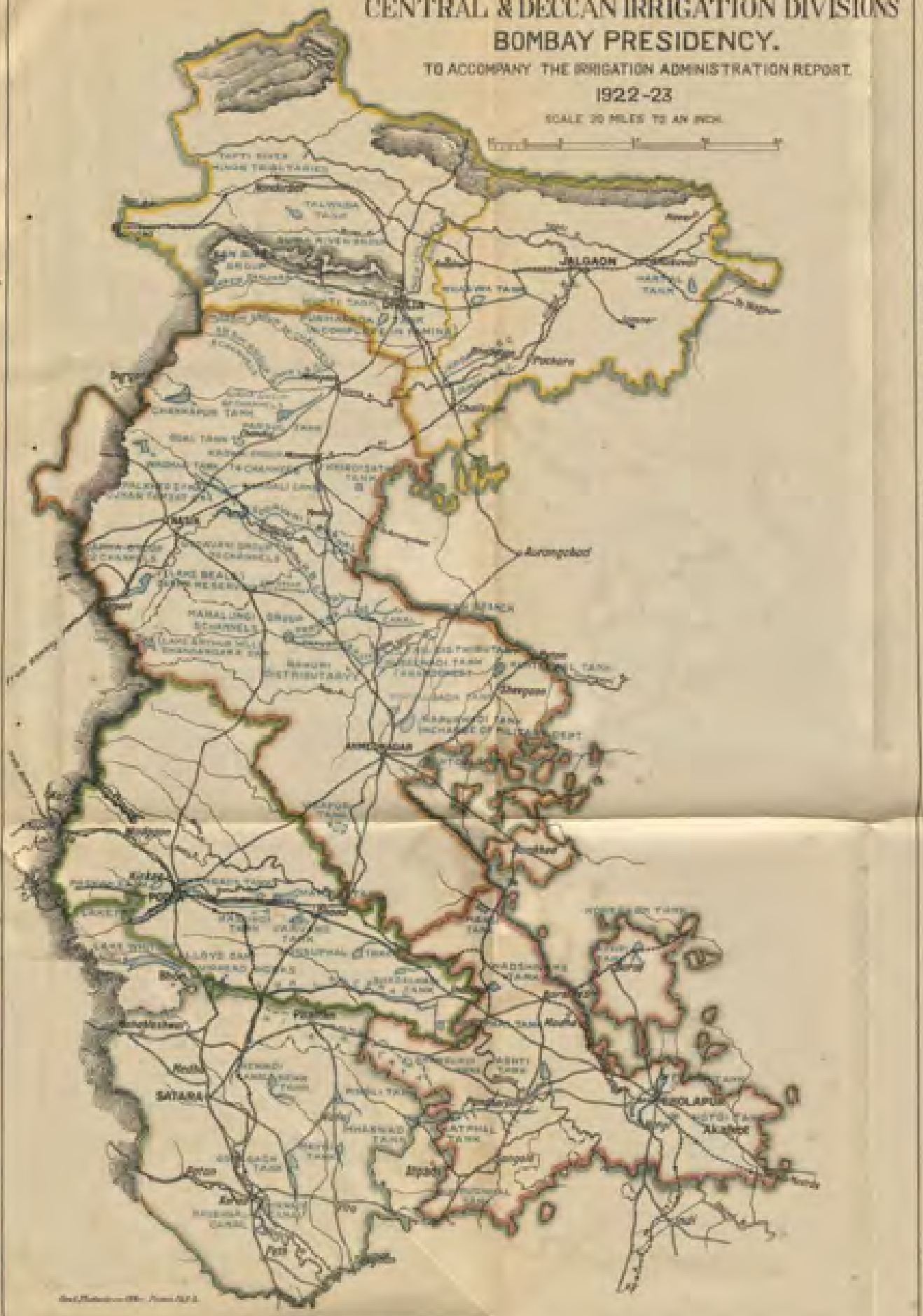
Works in Operation.

1. Kora Mallapur Junction Drainage Channel
2. Nahar Utara Kotasar do do
3. Nandhana Nahar do do
4. Amanpur Nadiad do do
5. Sindhav do do
6. Wanseria do do
7. Channel from Utara Vila to meet Chl. near Bhalia
8. Kolavan Nala Drainage Channel.
9. Ghaimwad Drainage Channel including Dunda and Shimalbha.
10. Nimun Channel.
11. Samadhpur Pimpalva Channel.
12. Pakhajan Ambhel do
13. Nadiala Akhod do
14. Jolva do
15. Ora Vichiad Badalpur do
16. Kahod do
17. Waghurna Drainage do
18. Wanni do
19. Adol Hajat do
20. Aida do
21. Anarsa Reclamation Bund.
22. Hansot do do
23. Protective Bund at Kadodra.
24. do do Lakhigam.
25. do do Harinagar.
26. do do Gandhar.
27. Bund at Nada village.
28. do at Islampur.
29. do between Nada and Dodia villages

SURAT DISTRICT.

Works in Operation.

30. Mowthan Channel.
31. Waghroj Protective Works.



WEST KHANDESH DISTRICT.

Works in Operation.

1. Mukti Tank.
2. Talwada do
3. Tapti River Minor Tributaries.
4. Upper Panjhra River Group.
5. Lower do do do
6. Burai River Group.
7. Kan do do

Incomplete Work.

1. Parwapada Tank.

EAST KHANDESH DISTRICT.

Works in Operation.

1. Jamda R. B. Canal
2. do L. B. do
3. Mhaswa Tank.
4. Hartala do

NASIK IRRIGATION DISTRICT.

Works in Operation.

1	Waghad Tank.	10	Aram Group.
2	Chankapur Tank	11.	Mosam do
3	Khirdisache do	12.	Godavari do
4	Girna L. B. Canal.	13.	Kadwa do
5	Palkhed do	14.	Darna do
6	Wadali do	15.	Dno do
7	Ojhar Tumbat do	16.	Mahalungi do
8	Parsul Tank.	17.	Darna Reservoir (Lake Beale)
9	Girna Group.		

Works under Construction—Incomplete Works.

18. Bhandardara Dam (Lake Arthur Hill).
19. Girna L. B. Canal Extension.
20. Odal Tank.

PRAVARA CANALS DISTRICT.

Works in Operation.

1. Godavari R. B. Canal ..... (from 0 to end.)
2. do L. B. do ..... do do
3. Pravara R. B. do ..... do do
4. do L. B. do ..... (completed & is partly in operation.)
5. Lakh Canal ..... (to be abandoned)

AHMEDNAGAR DISTRICT.

Work in Operation.

Bhatodi Tank.

Works under Construction.

1. Visapur Tank.
2. Khanterphal do
3. Pimpalgaon Tank

POONA IRRIGATION DISTRICT.

Works in Operation.

1.	Nira Canal.	4.	Mateba. Tank.
2.	Sherphal Tank.	5.	Kasurdi do
3.	Lake Fife (Mutha Canals)	6.	Shirsuphal do
		7.	Bhadalwadi do

Incomplete Works.

8. Khamgaon Tank. 9. Varvand. Tank.

LAKE WHITING DISTRICT.

Work under Construction.

Lloyd Dam, (New Lake Whiting.)

Work in Operation.

1. Lake Whiting.

LONAND DISTRICT.

Works under Construction.

Nira R. B. Canal (from mile 0 to 47.)

Work in Operation.

Nil.

MALSIRAS DISTRICT.

Work under Construction.

Nira R. B. Canal (from mile 48 to 110).

Work in Operation.

1. Mhaswad Tank.

Incomplete Works.

2. Bhamburdi Tank.
3. Budhihal do

SHOLAPUR DISTRICT.

Works in Operation.

1.	Ekrok Tank.	4.	Wadshivane Tank
2.	Ashti do	5.	Koregaon do
3.	Pathri do		

Incomplete Works.

1. Hotgi Tank.
2. Mangi do

SATARA DISTRICT.

Works in Operation.

1.	Krishna Canal.	4.	Yerla River Works. NEHR TANK.
2.	Mayni Tank.		
3.	Upper Main River Works. PINGLI TANK.	5.	Chikhali Canal.
		6.	Rewadi Canal.

Incomplete Work.

Goregaon Tank.

SOUTHERN DIVISION

BOMBAY PRESIDENCY.

TO ACCOMPANY THE IRRIGATION ADMINISTRATION REPORT

1922-23

Scale 20 Miles to an Inch.

BELGAUM DISTRICT

Works in Operation.

1. Gadikeri Tank.
2. Gokak Canal:—1st Section & Storage Works.
3. Shedbal Tank.

BIJAPUR DISTRICT.

Work in Operation.

1. Muchkundi Tank.

DHARWAR IRRIGATION DISTRICT.

Works in Operation.

1. Dambal Tank.
2. Medleri do
3. Madag do
4. Asundi do
5. Mavinkop do
6. Dharma and Naregal Canals.

ed with financial assistance fr
Government of Maharashtra

INDEX MAP
OF
SIND
TO ACCOMPANY THE IRRIGATION ADMINISTRATION REPORT
1922 - 23
SCALE 16 MILES = 1 INCH.
REFERENCES
Canal District boundaries shown thus
Canals
Railways
Bunds
Bunds under construction
River gauges
Rain gauges
JACOBABAD
LARKHANA
SUKKUR
KARPUR CANALS
KHAIRPUR STATE
NAWABSHAH
HYDERABAD
JUMARKOT
Chachra
KARACHI
Tando Bago
Mirpur Sakro
Nagar Parkar
RANN OF CUTCH
CUTCH
CUTCH
ARABIAN SEA
67°0
68°0
69°0
70°0
71°0